
System Administrators Manual

BarAPIx 1.2



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Contents

System Administrators Manual	1
BarAPIx 1.2	1
Introduction	12
About BarAPIx	12
What Does It Do?	12
System overview	12
Installation	13
Overview	14
Function return value	14
General Error Messages.....	14
Interfaces	15
barcom methods	15
barcom1 methods	16
barcom2 methods	16
barcom3 methods	16
barcom4 methods	17
barcom5 methods	17
Exported functions	18
XGetidinfo	19
Description	19
Required Bartrack version	19
Syntax	19
Parameters Description	19
Error messages.....	20
XGetIdInfo_1	21
Description	21
Required Bartrack version	21
Syntax	21
Parameters Description	21
Error messages.....	22
XGetIdInfo_2.....	23
Description	23
Required Bartrack version	23
Syntax	23
Parameters Description.....	23
Error messages.....	24
XGetIdInfo_3.....	25
Description	25

Required Bartrack version	25
Syntax	25
Parameters Description	25
Error messages	26
XgetChildren	27
Description	27
Required Bartrack version	27
Syntax	27
Parameters Description	27
Operation	27
Error messages	27
XgetChildrenFull	29
Description	29
Required Bartrack version	29
Syntax	29
Parameters Description	29
Operation	29
Error messages	30
XGetTestStatus	31
Description	31
Required Bartrack version	31
Syntax	31
Parameters Description	31
Operation	31
Error messages	32
XgetAddNo	33
Description	33
Required Bartrack version	33
Syntax	33
Parameters Description	33
Operation	33
Error messages	33
XgetOrderInfo	34
Description	34
Required Bartrack version	34
Syntax	34
Parameters Description	34
Error messages	35
XgetOrderInfo_1	36
Description	36
Required Bartrack version	36
Syntax	36
Parameters Description	36
Error messages	37
XgetOrderInfo_2	38
Description	38
Required Bartrack version	38
Syntax	38
Parameters Description	38
Error messages	39
XgetOrderStructure	40
Description	40
Required Bartrack version	40
Syntax	40
Parameters Description	40
Operation	40
Error messages	41
XgetOrderStructure_1	42
Description	42

Required Bartrack version	42
Syntax	42
Parameters Description	42
Operation	42
Error messages.....	43
XGetProductStructure	44
Description	44
Required Bartrack version	44
Syntax	44
Parameters Description	44
Operation	44
Error messages.....	45
XGetProductTPC	46
Description	46
Required Bartrack version	46
Syntax	46
Parameters Description	46
Operation	46
Error messages.....	47
XGetOrderTPC	48
Description	48
Required Bartrack version	48
Syntax	48
Parameters Description	48
Operation	48
Error messages.....	49
XGetIsIdComplete	50
Description	50
Required Bartrack version	50
Syntax	50
Parameters Description	50
Error messages.....	50
XCreateid	51
Description	51
Required Bartrack version	51
Syntax	51
Parameters Description	51
Operation	52
Error messages.....	52
XCreateId_1	53
Description	53
Required Bartrack version	53
Syntax	53
Parameters Description	53
Operation	54
Error messages.....	55
XCreateId_2	56
Description	56
Required Bartrack version	56
Syntax	56
Parameters Description	56
Operation	57
Error messages.....	58
XCreateId_3	59
Description	59
Required Bartrack version	59
Syntax	59
Parameters Description	59
Operation	60

Error messages.....	61
XCreateIDFromOrder	62
Description	62
Required Bartrack version	62
Syntax	62
Parameters Description.....	62
Operation	62
Error messages.....	63
XCreateIdFromOrder_1	64
Description	64
Required Bartrack version	64
Syntax	64
Parameters Description.....	64
Operation	65
Error messages.....	66
XCreateIdFromOrder_2.....	67
Description	67
Required Bartrack version	67
Syntax	67
Parameters Description.....	67
Operation	68
Error messages.....	69
XCreateIdFromOrder_3.....	70
Description	70
Required Bartrack version	70
Syntax	70
Parameters Description.....	70
Operation	71
Error messages.....	72
XConnectids	73
Description	73
Required Bartrack version	73
Syntax	73
Parameters Description.....	73
Error messages.....	73
XdisConnectIDs.....	74
Description	74
Required Bartrack version	74
Syntax	74
Parameters Description.....	74
Error messages.....	74
XupdateComment	75
Description	75
Required Bartrack version	75
Syntax	75
Parameters Description.....	75
Operation Semantics	75
Error messages.....	75
XUpdateComment_1	76
Description	76
Required Bartrack version	76
Syntax	76
Parameters Description.....	76
Operation Semantics	76
Error messages.....	76
XupdateExemption	78
Description	78
Required Bartrack version	78
Syntax	78

Parameters Description.....	78
Operation Semantics.....	78
Error messages.....	79
XUpdateExemption_1.....	80
Description.....	80
Required Bartrack version.....	80
Syntax.....	80
Parameters Description.....	80
Operation Semantics.....	80
Error messages.....	81
XUpdateInfo.....	82
Description.....	82
Required Bartrack version.....	82
Syntax.....	82
Parameters Description.....	82
Operation Semantics.....	82
Error messages.....	82
XupdateTestStatus.....	83
Description.....	83
Required Bartrack version.....	83
Syntax.....	83
Parameters Description.....	83
Operation Semantics.....	83
Error messages.....	84
XUpdateTestStatus_1.....	85
Description.....	85
Required Bartrack version.....	85
Syntax.....	85
Parameters Description.....	85
Operation Semantics.....	85
Error messages.....	86
XUpdateTestStatus_2.....	87
Description.....	87
Required Bartrack version.....	87
Syntax.....	87
Parameters Description.....	87
Operation Semantics.....	87
Error messages.....	88
XUpdateProductData.....	89
Description.....	89
Required Bartrack version.....	89
Syntax.....	89
Parameters Description.....	89
Operation Semantics.....	89
Error messages.....	89
XprintLabel.....	90
Description.....	90
Required Bartrack version.....	90
Syntax.....	90
Parameters Description.....	90
Operation.....	90
Error messages.....	91
XReactivateID.....	92
Description.....	92
Required Bartrack version.....	92
Syntax.....	92
Parameters Description.....	92
Error messages.....	92
XshipID.....	93

Description	93
Required Bartrack version	93
Syntax	93
Parameters Description.....	93
Operation	93
Error messages.....	94
XshipID_1	95
Description	95
Required Bartrack version	95
Syntax	95
Parameters Description.....	95
Operation	95
Error messages.....	96
XForcedShipId.....	97
Description	97
Required Bartrack version	97
Syntax	97
Parameters Description.....	97
Operation	97
Error messages.....	98
XForcedShipId_1.....	99
Description	99
Required Bartrack version	99
Syntax	99
Parameters Description.....	99
Operation	99
Error messages.....	100
XstoreID	101
Description	101
Required Bartrack version	101
Syntax	101
Parameters Description.....	101
Operation	101
Error messages.....	102
XstoreID_1	103
Description	103
Required Bartrack version	103
Syntax	103
Parameters Description.....	103
Operation	103
Error messages.....	104
XscrapID.....	105
Description	105
Required Bartrack version	105
Syntax	105
Parameters Description.....	105
Error messages.....	105
XCheckFlow	106
Description	106
Required Bartrack version	106
Syntax	106
Parameters Description.....	106
Error messages.....	106
XReqFromTracy	107
Description	107
Required Bartrack version	107
Syntax	107
Parameters Description.....	107
Error messages.....	107

XGetNotGenAddNo	108
Description	108
Required Bartrack version	108
Syntax	108
Parameters Description	108
Operation	108
Error messages.....	109
XGenAddNo	110
Description	110
Required Bartrack version	110
Syntax	110
Parameters Description	110
Error messages.....	110
XGetProductAddInfo	111
Description	111
Required Bartrack version	111
Syntax	111
Parameters Description	111
Operation	111
Error messages.....	112
XGetIdAddInfo	113
Description	113
Required Bartrack version	113
Syntax	113
Parameters Description	113
Operation	113
Error messages.....	113
XAddAddInfo	115
Description	115
Required Bartrack version	115
Syntax	115
Parameters Description	115
Error messages.....	115
XUpdateAddInfo.....	116
Description	116
Required Bartrack version	116
Syntax	116
Parameters Description	116
Error messages.....	116
XDeleteAddInfo.....	117
Description	117
Required Bartrack version	117
Syntax	117
Parameters Description	117
Error messages.....	117
XStartup.....	118
Description	118
Required Bartrack version	118
Syntax	118
Parameters Description	118
Error messages.....	118
XStartup_1	119
Description	119
Required Bartrack version	119
Syntax	119
Parameters Description	119
Error messages.....	119
XShutdown	120
Description	120

Required Bartrack version.....	120
Syntax.....	120
Parameters Description.....	120
Error messages.....	120

Introduction

About BarAPIx

What Does It Do?

The name BarAPIx is an abbreviation of Bartrack API. An API is an Application Program Interface. APIs is a technique used in Windows to allow programs to access functions in other programs.

In Bartrack, the BarAPIx sits on a PC with windows, and is an interface between locally developed applications and the Bartrack server.

Mainly, the BarAPIx translates PC function calls to MSMQ messages, and sends them to the Bartrack server, and vice versa.

System overview

The BarAPIx system consists mainly of two units:

- A DLL on the PC client
- The SFT interface on the Bartrack server

The SFT interface is the normal interface used by Bartrack to communicate with other systems.

To use this interface you need to send and receive MSMQ messages. To avoid that, BarAPIx exists as a link between normal functions calls on the PC, and MSMQ messages on the server.

Installation

See KS001Fxxx - Barapix Installation instruction for more information about how to install MSMQ and Barapix.

Overview

The BarAPIx is an API (Application Program Interface) that has most of the functions that Bartrack have. To communicate with Bartrack, the BarAPIx uses MSMQ.

Since BarAPIx is a Windows DLL, it cannot be run by itself, that is; a main program has to call the different functions in the BarAPIx to make Bartrack do something. For example create individuals or ship individuals.

Function return value

Every function returns a long integer with the value 1 if the function call is successful, otherwise the value 0 is returned.

If the call is unsuccessful, the parameter `outErrMsg` contains an error message.

General Error Messages

There are some error messages that can be returned for any function. These messages deal mostly with communication problems and set-up problems.

Each function may have specific error messages only applicable to that function. These messages are listed with each function.

Error #	Message
1	Erroneous communication sending -> [error code from MSMQ]
2	Not valid acknowledge msg from Bartrack.
3	Wrong message from Bartrack
4	Erroneous communication receiving -> [error code from MSMQ]
5	Not valid message from Bartrack. Ack/Err expected
6	Not valid message from Bartrack. Expected Nack
7	Error received wrong message -> ID=<serial number> DmQType=<msg ID> [error code from MSMQ]
8	Illegal value in status (only P, F or N are valid)
9	BarAPIx is not started
10	Parameter x incorrect, type must be VT_yyy
11	Unknown Bartrack call

Interfaces

barcom methods

- XConnectids
- XCreateid
- XCreateIDFromOrder
- XdisConnectIDs
- XgetAddNo
- XgetChildren
- XGetidinfo
- XGetIsIdComplete
- XgetOrderInfo
- XgetOrderInfo_1
- XgetOrderStructure
- XgetOrderStructure_1
- XGetProductStructure
- XprintLabel
- XReactivateID
- XscrapID
- XshipID
- XShutdown
- XStartup
- XStartup_1
- XstoreID
- XupdateComment
- XUpdateComment_1
- XupdateExemption
- XUpdateExemption_1
- XUpdateProductData
- XupdateTestStatus

- XUpdateTestStatus_1

barcom1 methods

- Methods from the barcom interface
- XcheckFlow
- XCreateId_1
- XCreateIdFromOrder_1
- XForcedShipId
- XGetIdInfo_1
- XGetOrderTPC
- XGetProductTPC
- XGetTestStatus
- XUpdateTestStatus_2

barcom2 methods

- Methods from the barcom and barcom1 interface
- XCreateIdFromOrder_2
- XCreateId_2
- XGenAddNo
- XGetIdInfo_2
- XGetNotGenAddNo
- XReqFromTracy
- XUpdateInfo

barcom3 methods

- Methods from the barcom, barcom1 and barcom3 interface
- XGetProductAddInfo
- XGetIdAddInfo
- XAddAddInfo
- XUpdateAddInfo
- XDeleteAddInfo
- XGetIdInfo_3
- XGetChildrenFull

barcom4 methods

- Methods from the barcom, barcom1, barcom2 and barcom3 interface
- XgetOrderInfo_1

barcom5 methods

- Methods from the barcom, barcom1, barcom2 , barcom3 and barcom4 interface
- XCreateId_3
- XCreateIdFromOrder_3
- XForcedShipId_1
- XshipID_1
- XstoreID_1

Exported functions

The following pages contain the description of each function in the BarAPIx.

XGetidinfo

Description

This function returns the complete set of information about the requested individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XGetidinfo(VARIANT      inUser,
                VARIANT      inID,
                VARIANT *    outProductNo,
                VARIANT *    outRState,
                VARIANT *    outProductName,
                VARIANT *    outOrderNo,
                VARIANT *    outOrderItemNo,
                VARIANT *    outDate,
                VARIANT *    outStatus,
                VARIANT *    outTestflag,
                VARIANT *    outComment,
                VARIANT *    outIDParent,
                VARIANT *    outNoChildren,
                VARIANT *    outNoAddNos,
                VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
InUser	VT_BSTR	12	In	The user-ID to use in Bartrack
InID	VT_BSTR	20	in	Serial number
OutProductNo	VT_BSTR	24	out	Product number
OutRState	VT_BSTR	7	out	Revision
OutProductName	VT_BSTR	25	out	Product name
OutOrderNo	VT_BSTR	35	out	Order number
OutOrderItemNo	VT_I4	4	out	Purchase order item number.
Outdate	VT_BSTR	10	out	Manufacturing date (YYYY-MM-DD)
OutStatus	VT_BSTR	2	out	Individual status
OutTestflag	VT_BSTR	2	out	"F " for Failed "P " for Passed "N " for Not tested
OutComment	VT_BSTR	30	out	Comment
OutIDParent	VT_BSTR	20	out	Serial number
OutNoChildren	VT_I4	3	out	The number of children for this parent
OutNoAddnos	VT_I4	3	out	The number of additional numbers for this parent
outErrMsg	VT_BSTR	110	out	Error message. Only when return

				value is 0.
--	--	--	--	-------------

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XGetIdInfo_1

Description

This function returns the complete set of information about the requested individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XGetIdInfo_1(VARIANT      inUser,
                  VARIANT      inID,
                  VARIANT *    outProductNo,
                  VARIANT *    outRState,
                  VARIANT *    outProductName,
                  VARIANT *    outOrderNo,
                  VARIANT *    outOrderItemNo,
                  VARIANT *    outDate,
                  VARIANT *    outStatus,
                  VARIANT *    outTestflag,
                  VARIANT *    outComment,
                  VARIANT *    outIDParent,
                  VARIANT *    outNoChildren,
                  VARIANT *    outNoAddNos,
                  VARIANT *    outExemption,
                  VARIANT *    outTPCFlag,
                  VARIANT *    outTPC,
                  VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
inUser	VT_BSTR	12	In	The user-ID to use in Bartrack
inID	VT_BSTR	20	in	Serial number
outProductNo	VT_BSTR	24	out	Product number
outRState	VT_BSTR	7	out	Revision
outProductName	VT_BSTR	25	out	Product name
outOrderNo	VT_BSTR	35	out	Order number
outOrderItemNo	VT_I4	4	out	Purchase order item number.
outDate	VT_BSTR	10	out	Manufacturing date (YYYY-MM-DD)
outStatus	VT_BSTR	2	out	Individual status
outTestflag	VT_BSTR	2	out	"F " for Failed "P " for Passed "N " for Not tested
outComment	VT_BSTR	30	out	Comment
outIDParent	VT_BSTR	20	out	Serial number
outNoChildren	VT_I4	3	out	The number of children for this parent
outNoAddnos	VT_I4	3	Out	The number of additional numbers for

				this parent
outExemption	VT_BSTR	1	out	Exemption
outTPCFlag	VT_BSTR	1	out	"C" – The individual is created with a Test Production Comment "I" - The individual has inherited a Test Production Comment "N" - The individual has no Test Production Comment
outTPC	VT_BSTR	30	out	Test production comment. Valid if outTPCFlag is C or I
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XGetIdInfo_2

Description

This function returns the complete set of information about the requested individual.

Required Bartrack version

1.0 or higher.

Note! In Bartrack versions 1.0 the outInfo is always ""

Syntax

```
long XGetIdInfo_2(VARIANT      inUser,
                  VARIANT      inID,
                  VARIANT *    outProductNo,
                  VARIANT *    outRState,
                  VARIANT *    outProductName,
                  VARIANT *    outOrderNo,
                  VARIANT *    outOrderItemNo,
                  VARIANT *    outDate,
                  VARIANT *    outStatus,
                  VARIANT *    outTestflag,
                  VARIANT *    outComment,
                  VARIANT *    outIDParent,
                  VARIANT *    outNoChildren,
                  VARIANT *    outNoAddNos,
                  VARIANT *    outExemption,
                  VARIANT *    outTPCFlag,
                  VARIANT *    outTPC,
                  VARIANT *    outInfo,
                  VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
inUser	VT_BSTR	12	In	The user-ID to use in Bartrack
inID	VT_BSTR	20	in	Serial number
outProductNo	VT_BSTR	24	out	Product number
outRState	VT_BSTR	7	out	Revision
outProductName	VT_BSTR	25	out	Product name
outOrderNo	VT_BSTR	35	out	Order number
outOrderItemNo	VT_I4	4	out	Purchase order item number.
outDate	VT_BSTR	10	out	Manufacturing date (YYYY-MM-DD)
outStatus	VT_BSTR	2	out	Individual status
outTestflag	VT_BSTR	2	out	"F " for Failed "P " for Passed "N " for Not tested
outComment	VT_BSTR	30	out	Comment
outIDParent	VT_BSTR	20	out	Serial number

outNoChildren	VT_I4	3	out	The number of children for this parent
outNoAddnos	VT_I4	3	Out	The number of additional numbers for this parent
outExemption	VT_BSTR	1	out	Exemption
outTPCFlag	VT_BSTR	1	out	"C" – The individual is created with a Test Production Comment "I" - The individual has inherited a Test Production Comment "N" - The individual has no Test Production Comment
outTPC	VT_BSTR	30	out	Test production comment. Valid if outTPCFlag is C or I
outInfo	VT_BSTR	35	out	Information
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XGetIdInfo_3

Description

This function returns the complete set of information about the requested individual.

Required Bartrack version

1.0 or higher.

Note! In Bartrack versions 1.0 the outInfo is always ""

Syntax

```
long XGetIdInfo_3(VARIANT      inUser,
                  VARIANT      inID,
                  VARIANT *    outProductNo,
                  VARIANT *    outRState,
                  VARIANT *    outProductName,
                  VARIANT *    outOrderNo,
                  VARIANT *    outOrderItemNo,
                  VARIANT *    outDate,
                  VARIANT *    outStatus,
                  VARIANT *    outTestflag,
                  VARIANT *    outComment,
                  VARIANT *    outIDParent,
                  VARIANT *    outNoChildren,
                  VARIANT *    outReqNoChildren,
                  VARIANT *    outNoAddNos,
                  VARIANT *    outExemption,
                  VARIANT *    outTPCFlag,
                  VARIANT *    outTPC,
                  VARIANT *    outInfo,
                  VARIANT *    outManUnit,
                  VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
inUser	VT_BSTR	12	In	The user-ID to use in Bartrack
inID	VT_BSTR	20	in	Serial number
outProductNo	VT_BSTR	24	out	Product number
outRState	VT_BSTR	7	out	Revision
outProductName	VT_BSTR	25	out	Product name
outOrderNo	VT_BSTR	35	out	Order number
outOrderItemNo	VT_I4	4	out	Purchase order item number.
outDate	VT_BSTR	10	out	Manufacturing date (YYYY-MM-DD)
outStatus	VT_BSTR	2	out	Individual status
outTestflag	VT_BSTR	2	out	"F " for Failed "P " for Passed "N " for Not tested
outComment	VT_BSTR	30	out	Comment

outIDParent	VT_BSTR	20	out	Serial number
outNoChildren	VT_I4	3	out	The number of children for this parent
outReqNoChildren	VT_I4	3	out	The number of required children to this parent
outNoAddnos	VT_I4	3	Out	The number of additional numbers for this parent
outExemption	VT_BSTR	1	out	Exemption
outTPCFlag	VT_BSTR	1	out	“C” – The individual is created with a Test Production Comment “I” - The individual has inherited a Test Production Comment “N” - The individual has no Test Production Comment
outTPC	VT_BSTR	30	out	Test production comment. Valid if outTPCFlag is C or I
outInfo	VT_BSTR	35	out	Information
outManUnit	VT_BSTR	6	out	Manufacturing unit
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XgetChildren

Description

This function gets the connected children for a parent.

Required Bartrack version

1.0 or higher.

Syntax

```
long XgetChildren(VARIANT      inUser,
                  VARIANT      inID,
                  VARIANT *    outNoOfChildren,
                  VARIANT *    outChildList,
                  VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		Return	Return value for this function.
InUser	VT_BSTR	12	In	The user-ID to use in Bartrack.
InID	VT_BSTR	20	In	Parent
OutNoOfChildren	VT_I4	3	Out	
OutChildList	VT_ARRAY VT_VARIANT	dynamic	Out	All assembled children (see below). This value is a SAFEARRAY.
OutErrMsg	VT_BSTR	110	Out	Error message. Only when return value is 0.

Operation

The **outNoOfChildren** parameter is used to tell the receiver how many children those were actually in the structure when the message was sent.

The **outChildList** parameter contains the following data, repeated for each child:

Data	Type	Size
Individual	VT_BSTR	20
Product Number	VT_BSTR	24
Revision	VT_BSTR	7

Total number of characters for each child: 51

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XgetChildrenFull

Description

This function gets the connected children for a parent.

Required Bartrack version

1.1 or higher.

Syntax

```
long XgetChildrenFull(VARIANT      inUser,  
                     VARIANT      inID,  
                     VARIANT *    outNoOfChildren,  
                     VARIANT *    outChildList,  
                     VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		Return	Return value for this function.
InUser	VT_BSTR	12	In	The user-ID to use in Bartrack.
InID	VT_BSTR	20	In	Parent
OutNoOfChildren	VT_I4	3	Out	
OutChildList	VT_ARRAY VT_VARIANT	dynamic	Out	All assembled children (see below). This value is a SAFEARRAY.
OutErrMsg	VT_BSTR	110	Out	Error message. Only when return value is 0.

Operation

The **outNoOfChildren** parameter is used to tell the receiver how many children those were actually in the structure when the message was sent.

The **outChildList** parameter contains the following data, repeated for each child:

Data	Type	Size
Individual	VT_BSTR	20
Product Number	VT_BSTR	24
Revision	VT_BSTR	7
Product Name	VT_BSTR	25
Order number	VT_BSTR	35
Order item number	VT_I4	4
Date	VT_BSTR	10
Status	VT_BSTR	2
Test flag	VT_BSTR	2
Comment	VT_BSTR	30

Parent	VT_BSTR	20
No. of. children	VT_I4	4
Required no. of children	VT_I4	4
No. of additional numbers	VT_I4	4
Exemption	VT_BSTR	1
TPC flag	VT_BSTR	1
TPC	VT_BSTR	30
Info	VT_BSTR	35
Manufacturing unit	VT_BSTR	6

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XGetTestStatus

Description

This function gets the test status list for an individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XGetTestStatus(VARIANT inUser,
                   VARIANT inID,
                   VARIANT * outNoOfTestStatus,
                   VARIANT * outTestStatusList,
                   VARIANT * outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		Return	Return value for this function.
InUser	VT_BSTR	12	In	The user-ID to use in Bartrack.
InID	VT_BSTR	20	In	Parent
OutNoOfTestStatus	VT_I4	3	Out	
OutTestStatusList	VT_ARRAY VT_VARIANT	dynamic	Out	All test status information(see below). This value is a SAFEARRAY.
OutErrMsg	VT_BSTR	110	Out	Error message. Only when return value is 0.

Operation

The `outNoOfTestStatus` parameter is used to tell the receiver how many test status those were actually when the message was sent.

The `outTestStatusList` parameter contains the following data, repeated for each test status:

Data	Type	Size	Comment
Test status	VT_BSTR	1	"P" = Passed "F" = Failed
Time stamp	VT_BSTR	19	
Test id	VT_BSTR	6	
Test description	VT_BSTR	16	

Total number of characters for each child: 42

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XgetAddNo

Description

This function gets the additional numbers for an individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XgetAddNo(VARIANT      inUser,
               VARIANT      inID,
               VARIANT *    outNoOfAddNo,
               VARIANT *    outAddNoList,
               VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	Return value for this function.
InUser	VT_BSTR	12	in	The user-ID to use in Bartrack.
InID	VT_BSTR	20	in	Parent.
OutNoOfAddNo	VT_I4	3	out	
OutAddNoList	VT_ARRAY VT_VARIANT	dynamic	out	All additional numbers for the individual (see below). This value is a SAFEARRAY.
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The **outNoOfAddNo** parameter is used to tell the receiver how many additional numbers that actually existed for the individual when the message was sent.

The **outAddNoList** parameter contains the following data, repeated for each additional number:

Data	Type	Size
Additional number	VT_BSTR	20
Position	VT_BSTR	10

Total number of characters for each additional number: 30

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XgetOrderInfo

Description

This function returns the complete set of information about the requested order.

Required Bartrack version

1.0 or higher.

Syntax

```
long XgetOrderInfo(VARIANT      inUser ,
                  VARIANT      inOrderNo,
                  VARIANT      inOrderItemNo,
                  VARIANT *    outProductNo,
                  VARIANT *    outRState,
                  VARIANT *    outUsed,
                  VARIANT *    outText1,
                  VARIANT *    outText2,
                  VARIANT *    outText3,
                  VARIANT *    outText4,
                  VARIANT *    outText5,
                  VARIANT *    outNoChildren,
                  VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
inUser	VT_BSTR	12	In	The user-ID to use in Bartrack
inOrderNo	VT_BSTR	35	in	Order number
inOrderItemNo	VT_I4	4	In	Purchase order item number.
outProductNo	VT_BSTR	24	out	Product Number
outRState	VT_BSTR	7	out	Revision
outUsed	VT_BSTR	1	out	"Y": An individual is created for this order number. "N": No individual is created for this order number.
outText1	VT_BSTR	35	out	Sales order number + sales order item
outText2	VT_BSTR	35	out	Country
outText3	VT_BSTR	35	out	Configuration key
outText4	VT_BSTR	35	out	ELSN number
outText5	VT_BSTR	35	out	Not used
outNoChildren	VT_I4	3	out	The number of order items for this order.
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XgetOrderInfo_1

Description

This function returns the complete set of information about the requested order. It differs from the XgetOrderInfo function by the size of the outText3 parameter.

Required Bartrack version

1.1 or higher.

Syntax

```
long XgetOrderInfo_1(VARIANT      inUser,
                    VARIANT      inOrderNo,
                    VARIANT      inOrderItemNo,
                    VARIANT *    outProductNo,
                    VARIANT *    outRState,
                    VARIANT *    outUsed,
                    VARIANT *    outText1,
                    VARIANT *    outText2,
                    VARIANT *    outText3,
                    VARIANT *    outText4,
                    VARIANT *    outText5,
                    VARIANT *    outNoChildren,
                    VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
InUser	VT_BSTR	12	In	The user-ID to use in Bartrack
InOrderNo	VT_BSTR	35	in	Order number
InOrderItemNo	VT_I4	4	In	Purchase order item number.
OutProductNo	VT_BSTR	24	out	Product Number
OutRState	VT_BSTR	7	out	Revision
OutUsed	VT_BSTR	1	out	"Y": An individual is created for this order number. "N": No individual is created for this order number.
outText1	VT_BSTR	35	out	Sales order number + sales order item
outText2	VT_BSTR	35	out	Country
outText3	VT_BSTR	70	out	Configuration key
outText4	VT_BSTR	35	out	ELSN number
outText5	VT_BSTR	35	out	Not used
OutNoChildren	VT_I4	3	out	The number of order items for this order.
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XgetOrderInfo_2

Description

This function returns the complete set of information about the requested order. It differs from the XgetOrderInfo_1 function by the size of the outText3 parameter.

Required Bartrack version

1.0 or higher.

Note! Bartrack version 1.0 returns max 70 characters in outText3.

Note! Bartrack version 1.1 returns max 256 characters in outText3.

Syntax

```
long XgetOrderInfo_2(VARIANT      inUser,
                    VARIANT      inOrderNo,
                    VARIANT      inOrderItemNo,
                    VARIANT *    outProductNo,
                    VARIANT *    outRState,
                    VARIANT *    outUsed,
                    VARIANT *    outText1,
                    VARIANT *    outText2,
                    VARIANT *    outText3,
                    VARIANT *    outText4,
                    VARIANT *    outText5,
                    VARIANT *    outNoChildren,
                    VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
InUser	VT_BSTR	12	In	The user-ID to use in Bartrack
InOrderNo	VT_BSTR	35	in	Order number
InOrderItemNo	VT_I4	4	In	Purchase order item number.
OutProductNo	VT_BSTR	24	out	Product Number
OutRState	VT_BSTR	7	out	Revision
OutUsed	VT_BSTR	1	out	"Y": An individual is created for this order number. "N": No individual is created for this order number.
outText1	VT_BSTR	35	out	Sales order number + sales order item
outText2	VT_BSTR	35	out	Country
outText3	VT_BSTR	256	out	Configuration key
outText4	VT_BSTR	35	out	ELSN number
outText5	VT_BSTR	35	out	Not used
OutNoChildren	VT_I4	3	out	The number of order items for this order.

OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.
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Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XgetOrderStructure

Description

This function returns the complete set of information about the requested order.

Required Bartrack version

1.0 or higher.

Syntax

```
long XgetOrderStructure (VARIANT    inUser,  
                        VARIANT    inOrderNo,  
                        VARIANT    inOrderItemNo,  
                        VARIANT *  outNoChildren,  
                        VARIANT *  outChildList,  
                        VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	Return value for this function.
inUser	VT_BSTR	12	In	The user-ID to use in Bartrack.
inOrderNo	VT_BSTR	35	in	Order number
inOrderItemNo	VT_I4	4	In	Purchase order item number.
outNoOfChildren	VT_I4	3	out	Number of items in structure.
outChildList	VT_ARRAY VT_VARIANT	dynamic	out	All assembled children (see below). This value is a SAFEARRAY.
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The **outNoOfChildren** parameter is used to tell the receiver how many items those were actually in the structure when the message was sent.

The **outChildList** parameter contains the following data for each child in the order:

Data	Type	Size
Position	VT_BSTR	10
Product Number	VT_BSTR	24
Revision	VT_BSTR	7
Quantity	VT_I4	3

Total number of characters for each child: 44

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XgetOrderStructure_1

Description

This function returns the complete set of information about the requested order. It differs from the XgetOrderStructure function by the size of the internally used message from SFT.

Note: This function shall be used together with the XgetOrderInfo function.

Required Bartrack version

1.0 or higher.

Syntax

```
long XgetOrderStructure_1(VARIANT    inUser,
                          VARIANT    inOrderNo,
                          VARIANT    inOrderItemNo,
                          VARIANT *  outNoChildren,
                          VARIANT *  outChildList,
                          VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	Return value for this function.
inUser	VT_BSTR	12	In	The user-ID to use in Bartrack.
inOrderNo	VT_BSTR	35	in	Order number
inOrderItemNo	VT_I4	4	In	Purchase order item number.
outNoOfChildren	VT_I4	3	out	Number of items in structure.
outChildList	VT_ARRAY VT_VARIANT	dynamic	out	All assembled children (see below). This value is a SAFEARRAY.
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The **outNoOfChildren** parameter is used to tell the receiver how many items those were actually in the structure when the message was sent.

The **outChildList** parameter contains the following data for each child in the order:

Data	Type	Size
Position	VT_BSTR	10
Product Number	VT_BSTR	24
Revision	VT_BSTR	7
Quantity	VT_I4	3

Total number of characters for each child: 44

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XGetProductStructure

Description

This function returns the complete set of information about the requested product.

Required Bartrack version

1.0 or higher.

Syntax

```
long XGetProductStructure(VARIANT    inUser,
                          VARIANT    inProductNumber,
                          VARIANT    inRevision,
                          VARIANT *  outNoOfProducts,
                          VARIANT *  outProductList,
                          VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	Return value for this function.
inUser	VT_BSTR	12	In	The user-ID to use in Bartrack.
inProductNumber	VT_BSTR	24	in	The product number
inRevision	VT_BSTR	7	In	The product revision.
outNoOfProducts	VT_I4	3	out	Number of items in structure.
outProductList	VT_ARRAY VT_VARIANT	dynamic	out	All assembled products (see below). This value is a SAFEARRAY
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The parameter **outNoOfProducts** is used to tell the receiver how many items that was actually in the structure when the message was sent.

The parameter **outProductList** contains information about the children. If there is a difference between the expected number of children and the actual number of children, the parameter **outProductList** will contain the following number of children:

The **outProductList** list contains the following data:

Data	Size
Position	11 (including null)
Product Number	25 (including null)
Revision	8 (including null)
Min quantity	4 (including null)

Max quantity	4 (including null)
Exact revision	2 (including null)

Total number of characters for each child: 54

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9, please refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XGetProductTPC

Description

This function returns the test production comment information about the requested product.

Required Bartrack version

1.1 or higher.

Syntax

```
long XGetProductTPC(VARIANT      inUser ,  
                   VARIANT      inProductNumber ,  
                   VARIANT      inRevision ,  
                   VARIANT *    outNoOfTPC ,  
                   VARIANT *    outTPCList ,  
                   VARIANT *    outErrMsg );
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
InUser	VT_BSTR	12	In	The user-ID to use in Bartrack
InProductNumber	VT_BSTR	24	in	The product number
InRevision	VT_BSTR	7	In	The product revision.
OutNoOfTPC	VT_I4	3	out	Number of items in list.
OutTPCList	VT_ARRAY VT_VARIANT	dynamic	out	All test production comments (see below). This value is a SAFEARRAY
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The parameter **outNoOfTPC** is used to tell the receiver how many TPC items that was defined for the product.

The parameter **outTPCList** contains information about the test production comments.

The **outTPCList** list contains the following data:

Data	Type	Size	Comment
Comment	VT_BSTR	30	Test production comment.
Description	VT_BSTR	250	Description of the test production comment.
Id	VT_I4		The identity of the test production comment. To be used in the XCreateI_1 function.

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XGetOrderTPC

Description

This function returns the test production comment information about the requested order.

Required Bartrack version

1.1 or higher.

Syntax

```
long XGetOrderTPC(VARIANT      inUser,
                  VARIANT      inOrderNo,
                  VARIANT      inOrderItemNo,
                  VARIANT *    outNoOfTPC,
                  VARIANT *    outTPCList,
                  VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
InUser	VT_BSTR	12	In	The user-ID to use in Bartrack
InOrderNo	VT_BSTR	35	in	Order number
inOrderItemNo	VT_I4	4	In	Purchase order item number.
outNoOfTPC	VT_I4	3	out	Number of items in list.
outTPCList	VT_ARRAY VT_VARIANT	dynamic	out	All test production comments (see below). This value is a SAFEARRAY
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The parameter **outNoOfTPC** is used to tell the receiver how many TPC items that was defined for the product.

The parameter **outTPCList** contains information about the test production comments.

The **outTPCList** list contains the following data:

Data	Type	Size	Comment
Comment	VT_BSTR	30	Test production comment.
Description	VT_BSTR	250	Description of the test production comment.
Id	VT_I4		The identity of the test production comment. To be used in the XCreatel_1 function.

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XGetIsIdComplete

Description

This function returns no error message if the structure of the requested individual is complete.

Required Bartrack version

1.0 or higher.

Syntax

```
long XGetIsIdComplete(VARIANT    inUser,  
                     VARIANT    inID,  
                     VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
InUser	VT_BSTR	12	In	The user-ID to use in Bartrack
InID	VT_BSTR	20	in	Serial number
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XCreateid

Description

This function will create individuals of a specific product. The only return information will be the serial numbers created.

Required Bartrack version

1.0 or higher.

Syntax

```
long XCreateid(VARIANT      inUser,
               VARIANT      inProductNo,
               VARIANT      inRState,
               VARIANT      inQuantity,
               VARIANT      inLabel,
               VARIANT      inNoLabels,
               VARIANT      inPrinter,
               VARIANT      inExemption,
               VARIANT      inComment,
               VARIANT *    outID1,
               VARIANT *    outID2,
               VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
InUser	VT_BSTR	12	in	User-ID.
InProductNo	VT_BSTR	24	in	Product Number.
InRState	VT_BSTR	7	in	Revision.
InQuantity	VT_I4	3	in	The quantity of serial numbers to create.
InLabel	VT_BSTR	22	in	The label to use (see below).
InNoLabels	VT_I4	3	in	The number of labels to print (see below).
InPrinter	VT_BSTR	22	in	The printer to use (see below).
InExemption	VT_BSTR	1	in	Y for exemption production
InComment	VT_BSTR	30	in	The comment for the created individuals
outID1	VT_BSTR	20	out	The serial number of the first created individual.
outID2	VT_BSTR	20	out	The serial number of the last created individual (if applicable).
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The parameters **outID1** and **outID2** are used to return the serial numbers of the created individuals. If only one individual was created, **outID2** will be blank.

For example, if you set **inQuantity** to 1, the **outID2** parameter will be blank, and if you set **inQuantity** to 5, the **outID2** parameter will contain the fifth serial number created.

It is possible to specify the label, the quantity, the printer, the exemption and a comment:

Allowed values for **inLabel**:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for **inNoLabels**:

Value	Result
< 1	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for **inPrinter**:

Value	Result
Blank	The inUser 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Allowed values for **inExemption**:

Value	Result
Y	The individual(s) is created with an exemption.
N	

Allowed values for **inComment**:

Value	Result
Blank	No comment is added to the created individuals.
Text	Free text.

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XCreateId_1

Description

This function will create individuals of a specific product. The only return information will be the serial numbers created.

Required Bartrack version

1.0 or higher.

Syntax

```
long XCreateId_1(VARIANT inUser,
                 VARIANT inProductNo,
                 VARIANT inRState,
                 VARIANT inQuantity,
                 VARIANT inLabel,
                 VARIANT inNoLabels,
                 VARIANT inPrinter,
                 VARIANT inExemption,
                 VARIANT inComment,
                 VARIANT inTPCId,
                 VARIANT * outID1,
                 VARIANT * outID2,
                 VARIANT * outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
inUser	VT_BSTR	12	in	User-ID.
inProductNo	VT_BSTR	24	in	Product Number.
inRState	VT_BSTR	7	in	Revision.
inQuantity	VT_I4	3	in	The quantity of serial numbers to create.
inLabel	VT_BSTR	22	in	The label to use (see below).
inNoLabels	VT_I4	3	in	The number of labels to print (see below).
inPrinter	VT_BSTR	22	in	The printer to use (see below).
inExemption	VT_BSTR	1	in	Y for exemption production
inComment	VT_BSTR	30	in	The comment for the created individuals
inTPCId	VT_I4	6	in	The test production comment id.
outID1	VT_BSTR	20	out	The serial number of the first created individual.
outID2	VT_BSTR	20	out	The serial number of the last created individual (if applicable).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The parameters **outID1** and **outID2** are used to return the serial numbers of the created individuals. If only one individual was created, **outID2** will be blank.

For example, if you set **inQuantity** to 1, the **outID2** parameter will be blank, and if you set **inQuantity** to 5, the **outID2** parameter will contain the fifth serial number created.

It is possible to specify the label, the quantity, the printer, the exemption and a comment:

Allowed values for **inLabel**:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for **inNoLabels**:

Value	Result
< 1	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for **inPrinter**:

Value	Result
Blank	The inUser 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Allowed values for **inExemption**:

Value	Result
Y	The individual(s) is created with an exemption.
N	

Allowed values for **inComment**:

Value	Result
Blank	No comment is added to the created individuals.
Text	Free text.

Allowed values for **inTPCID**:

Value	Result
0	No test production comment connected to the individuals.
> 0	A test production comment is connected to the individuals. (The test production comment id for a product or order is

	fetched with the xGetTestProdComment function)
--	--

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XCreateId_2

Description

This function will create individuals of a specific product. The only return information will be the serial numbers created.

Required Bartrack version

1.0 or higher.

Syntax

```
long XCreateId_2(VARIANT inUser,
                 VARIANT inProductNo,
                 VARIANT inRState,
                 VARIANT inQuantity,
                 VARIANT inLabel,
                 VARIANT inNoLabels,
                 VARIANT inPrinter,
                 VARIANT inExemption,
                 VARIANT inComment,
                 VARIANT inTPCId,
                 VARIANT inInfo,
                 VARIANT * outID1,
                 VARIANT * outID2,
                 VARIANT * outWarningMsg,
                 VARIANT * outWarningMsgAdd,
                 VARIANT * outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
inUser	VT_BSTR	12	in	User-ID.
inProductNo	VT_BSTR	24	in	Product Number.
inRState	VT_BSTR	7	in	Revision.
inQuantity	VT_I4	3	in	The quantity of serial numbers to create.
inLabel	VT_BSTR	22	in	The label to use (see below).
inNoLabels	VT_I4	3	in	The number of labels to print (see below).
inPrinter	VT_BSTR	22	in	The printer to use (see below).
inExemption	VT_BSTR	1	in	Y for exemption production
inComment	VT_BSTR	30	in	The comment for the created individuals
inTPCId	VT_I4	6	in	The test production comment id.
inInfo	VT_BSTR	35	In	The information for the created individuals
outID1	VT_BSTR	20	out	The serial number of the first created individual.
outID2	VT_BSTR	20	out	The serial number of the last created

				individual (if applicable).
outWarningMsg	VT_BSTR	80	out	Warning message.
outWarningMsgAdd	VT_BSTR	20	out	Additional data to warning message.
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The parameters **outID1** and **outID2** are used to return the serial numbers of the created individuals. If only one individual was created, **outID2** will be blank.

For example, if you set **inQuantity** to 1, the **outID2** parameter will be blank, and if you set **inQuantity** to 5, the **outID2** parameter will contain the fifth serial number created.

It is possible to specify the label, the quantity, the printer, the exemption and a comment:

Allowed values for **inLabel**:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for **inNoLabels**:

Value	Result
< 1	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for **inPrinter**:

Value	Result
Blank	The inUser 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Allowed values for **inExemption**:

Value	Result
Y	The individual(s) is created with an exemption.
N	

Allowed values for **inComment**:

Value	Result
Blank	No comment is added to the created individuals.
Text	Free text.

Allowed values for inTPCid:

Value	Result
0	No test production comment connected to the individuals.
> 0	A test production comment i connected to the individuals. (The test production comment id for a product or order is fetched with the xGetTestProdComment function)

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XCreateId_3

Description

This function will create individuals of a specific product. The only return information will be the serial numbers created.

Required Bartrack version

1.0 or higher.

Syntax

```
long XCreateId_3(VARIANT inUser,
                 VARIANT inProductNo,
                 VARIANT inRState,
                 VARIANT inQuantity,
                 VARIANT inLabel,
                 VARIANT inNoLabels,
                 VARIANT inPrinter,
                 VARIANT inExemption,
                 VARIANT inComment,
                 VARIANT inTPCId,
                 VARIANT inInfo,
                 VARIANT * outID1,
                 VARIANT * outID2,
                 VARIANT * outWarningMsg,
                 VARIANT * outWarningMsgAdd,
                 VARIANT * outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
inUser	VT_BSTR	12	in	User-ID.
inProductNo	VT_BSTR	24	in	Product Number.
inRState	VT_BSTR	7	in	Revision.
inQuantity	VT_I4	3	in	The quantity of serial numbers to create.
inLabel	VT_BSTR	22	in	The label to use (see below).
inNoLabels	VT_I4	3	in	The number of labels to print (see below).
inPrinter	VT_BSTR	22	in	The printer to use (see below).
inExemption	VT_BSTR	1	in	Y for exemption production
inComment	VT_BSTR	30	in	The comment for the created individuals
inTPCId	VT_I4	6	in	The test production comment id.
inInfo	VT_BSTR	35	In	The information for the created individuals
outID1	VT_BSTR	20	out	The serial number of the first created individual.
outID2	VT_BSTR	20	out	The serial number of the last created

				individual (if applicable).
outWarningMsg	VT_BSTR	80	out	Warning message.
outWarningMsgAdd	VT_BSTR	20	out	Additional data to warning message.
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The parameters **outID1** and **outID2** are used to return the serial numbers of the created individuals. If only one individual was created, **outID2** will be blank.

For example, if you set **inQuantity** to 1, the **outID2** parameter will be blank, and if you set **inQuantity** to 5, the **outID2** parameter will contain the fifth serial number created.

It is possible to specify the label, the quantity, the printer, the exemption and a comment:

Allowed values for **inLabel**:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for **inNoLabels**:

Value	Result
< 0	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
0	No printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for **inPrinter**:

Value	Result
Blank	The inUser 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Allowed values for **inExemption**:

Value	Result
Y	The individual(s) is created with an exemption.
N	

Allowed values for **inComment**:

Value	Result
Blank	No comment is added to the created individuals.

Text	Free text.
------	------------

Allowed values for inTPCID:

Value	Result
0	No test production comment connected to the individuals.
> 0	A test production comment is connected to the individuals. (The test production comment id for a product or order is fetched with the xGetTestProdComment function)

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XCreateIDFromOrder

Description

This function will create an individual of a specific order number. The only return information will be the serial number created.

Required Bartrack version

1.1 or higher.

Syntax

```
long XCreateIDFromOrder (VARIANT    inUser,  
                        VARIANT    inOrderNo,  
                        VARIANT    inOrderItem,  
                        VARIANT    inLabel,  
                        VARIANT    inNoLabels,  
                        VARIANT    inPrinter,  
                        VARIANT    inExemption,  
                        VARIANT    inComment,  
                        VARIANT *   outID1,  
                        VARIANT *   outID2,  
                        VARIANT *   outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
inUser	VT_BSTR	12	in	User-ID.
inOrderNo	VT_BSTR	35	in	Order number.
inOrderItemNo	VT_I4	4	in	Purchase order item number.
inLabel	VT_BSTR	22	in	The label to use (see below).
inNoLabels	VT_I4	3	in	The number of labels to print (see below).
inPrinter	VT_BSTR	22	in	The printer to use (see below).
inExemption	VT_BSTR	1	in	Y for exemption production
inComment	VT_BSTR	30	in	The comment for the created individuals
outID1	VT_BSTR	20	out	The serial number of the first created individual.
outID2	VT_BSTR	20	out	The serial number of the last created individual (if applicable).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The parameters **outID1** and **outID2** are used to return the serial numbers of the created individuals. When creating an individual from an order number only one individual is created, **outID2** will be blank.

It is possible to specify the label, number of labels, the printer, the exemption and a comment:

Allowed values for inLabel:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for inNoLabels:

Value	Result
< 1	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for inPrinter:

Value	Result
Blank	The inUser's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Allowed values for inExemption:

Value	Result
Y	The individual(s) is created with an exemption.
N	

Allowed values for inComment:

Value	Result
Blank	No comment is added to the created individuals.
Text	Free text.

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XCreateIdFromOrder_1

Description

This function will create an individual of a specific order number. The only return information will be the serial number created.

Required Bartrack version

1.0 or higher.

Syntax

```
long XCreateIdFromOrder_1(VARIANT    inUser,  
                          VARIANT    inOrderNo,  
                          VARIANT    inOrderItem,  
                          VARIANT    inLabel,  
                          VARIANT    inNoLabels,  
                          VARIANT    inPrinter,  
                          VARIANT    inExemption,  
                          VARIANT    inComment,  
                          VARIANT    inTPCId,  
                          VARIANT *  outID1,  
                          VARIANT *  outID2,  
                          VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
InUser	VT_BSTR	12	in	User-ID.
InOrderNo	VT_BSTR	35	in	Order number.
InOrderItemNo	VT_I4	4	in	Purchase order item number.
InLabel	VT_BSTR	22	in	The label to use (see below).
InNoLabels	VT_I4	3	in	The number of labels to print (see below).
InPrinter	VT_BSTR	22	in	The printer to use (see below).
InExemption	VT_BSTR	1	in	Y for exemption production
InComment	VT_BSTR	30	in	The comment for the created individuals
inTPCId	VT_I4	6	in	The test production comment id.
outID1	VT_BSTR	20	out	The serial number of the first created individual.
outID2	VT_BSTR	20	out	The serial number of the last created individual (if applicable).
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The parameters `outID1` and `outID2` are used to return the serial numbers of the created individuals. When creating an individual from an order number only one individual is created, `outID2` will be blank.

It is possible to specify the label, number of labels, the printer, the exemption and a comment:

Allowed values for `inLabel`:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for `inNoLabels`:

Value	Result
< 1	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for `inPrinter`:

Value	Result
Blank	The <code>inUser</code> 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Allowed values for `inExemption`:

Value	Result
Y	The individual(s) is created with an exemption.
N	

Allowed values for `inComment`:

Value	Result
Blank	No comment is added to the created individuals.
Text	Free text.

Allowed values for `inTPCID`:

Value	Result
0	No test production comment connected to the individuals.
> 0	A test production comment is connected to the individuals. (The test production comment id for a product or order is fetched with the <code>xGetTestProdComment</code> function)

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XCreateIdFromOrder_2

Description

This function will create an individual of a specific order number. The only return information will be the serial number created.

Required Bartrack version

1.0 or higher.

Syntax

```
long XCreateIdFromOrder_2(VARIANT inUser,
                          VARIANT inOrderNo,
                          VARIANT inOrderItem,
                          VARIANT inLabel,
                          VARIANT inNoLabels,
                          VARIANT inPrinter,
                          VARIANT inExemption,
                          VARIANT inComment,
                          VARIANT inTPCId,
                          VARIANT inInfo,
                          VARIANT * outID1,
                          VARIANT * outID2,
                          VARIANT * outWarningMsg,
                          VARIANT * outWarningMsgAdd,
                          VARIANT * outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		Return	The return value for this function.
InUser	VT_BSTR	12	In	User-ID.
InOrderNo	VT_BSTR	35	In	Order number.
InOrderItemNo	VT_I4	4	In	Purchase order item number.
InLabel	VT_BSTR	22	In	The label to use (see below).
InNoLabels	VT_I4	3	In	The number of labels to print (see below).
InPrinter	VT_BSTR	22	In	The printer to use (see below).
InExemption	VT_BSTR	1	In	Y for exemption production
InComment	VT_BSTR	30	In	The comment for the created individuals
inTPCId	VT_I4	6	In	The test production comment id.
inInfo	VT_BSTR	35	In	The information for the created individuals
outID1	VT_BSTR	20	Out	The serial number of the first created individual.
outID2	VT_BSTR	20	Out	The serial number of the last created individual (if applicable).
outWarningMsg	VT_BSTR	80	out	Warning message.

outWarningMsgAdd	VT_BSTR	20	out	Additional data to warning message.
OutErrMsg	VT_BSTR	110	Out	Error message. Only when return value is 0.

Operation

The parameters `outID1` and `outID2` are used to return the serial numbers of the created individuals. When creating an individual from an order number only one individual is created, `outID2` will be blank.

It is possible to specify the label, number of labels, the printer, the exemption and a comment:

Allowed values for `inLabel`:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for `inNoLabels`:

Value	Result
< 1	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for `inPrinter`:

Value	Result
Blank	The <code>inUser</code> 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Allowed values for `inExemption`:

Value	Result
Y	The individual(s) is created with an exemption.
N	

Allowed values for `inComment`:

Value	Result
Blank	No comment is added to the created individuals.
Text	Free text.

Allowed values for `inTPCID`:

Value	Result
0	No test production comment connected to the individuals.

> 0	A test production comment is connected to the individuals. (The test production comment id for a product or order is fetched with the xGetTestProdComment function)
-----	--

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XCreateIdFromOrder_3

Description

This function will create an individual of a specific order number. The only return information will be the serial number created.

Required Bartrack version

1.0 or higher.

Syntax

```
long XCreateIdFromOrder_3(VARIANT      inUser,
                          VARIANT      inOrderNo,
                          VARIANT      inOrderItem,
                          VARIANT      inLabel,
                          VARIANT      inNoLabels,
                          VARIANT      inPrinter,
                          VARIANT      inExemption,
                          VARIANT      inComment,
                          VARIANT      inTPCId,
                          VARIANT      inInfo,
                          VARIANT *    outID1,
                          VARIANT *    outID2,
                          VARIANT *    outWarningMsg,
                          VARIANT *    outWarningMsgAdd,
                          VARIANT *    outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		Return	The return value for this function.
InUser	VT_BSTR	12	In	User-ID.
InOrderNo	VT_BSTR	35	In	Order number.
InOrderItemNo	VT_I4	4	In	Purchase order item number.
InLabel	VT_BSTR	22	In	The label to use (see below).
InNoLabels	VT_I4	3	In	The number of labels to print (see below).
InPrinter	VT_BSTR	22	In	The printer to use (see below).
InExemption	VT_BSTR	1	In	Y for exemption production
InComment	VT_BSTR	30	In	The comment for the created individuals
inTPCId	VT_I4	6	In	The test production comment id.
inInfo	VT_BSTR	35	In	The information for the created individuals
outID1	VT_BSTR	20	Out	The serial number of the first created individual.
outID2	VT_BSTR	20	Out	The serial number of the last created individual (if applicable).
outWarningMsg	VT_BSTR	80	out	Warning message.

outWarningMsgAdd	VT_BSTR	20	out	Additional data to warning message.
OutErrMsg	VT_BSTR	110	Out	Error message. Only when return value is 0.

Operation

The parameters `outID1` and `outID2` are used to return the serial numbers of the created individuals. When creating an individual from an order number only one individual is created, `outID2` will be blank.

It is possible to specify the label, number of labels, the printer, the exemption and a comment:

Allowed values for `inLabel1`:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for `inNoLabels`:

Value	Result
< 0	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
0	No printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for `inPrinter`:

Value	Result
Blank	The <code>inUser</code> 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Allowed values for `inExemption`:

Value	Result
Y	The individual(s) is created with an exemption.
N	

Allowed values for `inComment`:

Value	Result
Blank	No comment is added to the created individuals.
Text	Free text.

Allowed values for `inTPCID`:

Value	Result
-------	--------

0	No test production comment connected to the individuals.
> 0	A test production comment is connected to the individuals. (The test production comment id for a product or order is fetched with the xGetTestProdComment function)

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XConnectids

Description

This function will connect a child to a parent.

Required Bartrack version

1.0 or higher.

Syntax

```
long XConnectids(VARIANT inUser,  
                VARIANT inIDParent,  
                VARIANT inIDChild,  
                VARIANT inAssembleDone,  
                VARIANT inStructureCheck,  
                VARIANT * outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
InUser	VT_BSTR	12	in	The user-ID to use in Bartrack
InIDParent	VT_BSTR	20	in	Parent.
InIDChild	VT_BSTR	20	in	Child to connect.
InAssembleDone	VT_BSTR	1	in	"Y": The ASSEMBLE_DONE field in Bartrack is set to Y (yes). "N": The ASSEMBLE_DONE field in Bartrack is set to N (no).
InStructureCheck	VT_BSTR	1	in	"Y": The structure of the parent must be compatible with the product structure in Bartrack. "N": The structure of the parent is allowed to have missing children.
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XdisConnectIDs

Description

This function disconnects a child from a parent. If there is no such child connected, an error message will be returned.

Required Bartrack version

1.0 or higher.

Syntax

```
long XdisConnectIDs(VARIANT inUser,
                   VARIANT inIDParent,
                   VARIANT inIDChild,
                   VARIANT inSoftDisconnect,
                   VARIANT * outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
inUser	VT_BSTR	12	in	The user-ID to use in Bartrack.
inIDParent	VT_BSTR	20	in	Parent.
inIDChild	VT_BSTR	20	in	Child to disconnect.
inSoftDisconnect	VT_BSTR	1	in	Y: If the "Done" flag is set for the parent, it is not possible to disconnect the individual. N: If the "Done" flag is set for the parent, it is possible to disconnect the individual.
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 2, 3, 4, 5, 6, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XupdateComment

Description

This function enables the sending system to set the comment in Bartrack.

Required Bartrack version

1.0 or higher.

Syntax

```
long XupdateComment(VARIANT    inUser,
                   VARIANT    inID,
                   VARIANT    inComment,
                   VARIANT    inReplyWanted,
                   VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	The user-ID to use in Bartrack.
inID	VT_BSTR	20	in	Individual.
inComment	VT_BSTR	30	in	Comment.
inReplyWanted	VT_BSTR	1	in	Reply message request (see below).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation Semantics

inReplyWanted: This parameter indicates if reply message is expected by the sender or not. Following values are handled:

Value	Action
N	The sending system don't expect a reply message (even if the update was not successful)
Y	The sending system expect a reply message (even if the update was successful)
Any other	Same as 'N'

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XUpdateComment_1

Description

This function enables the sending system to set the comment in Bartrack.

The function works in the same way as the updateComment function but it uses another SFT message.

Required Bartrack version

1.0 or higher.

Syntax

```
long XUpdateComment_1(VARIANT inUser,
                     VARIANT inID,
                     VARIANT inComment,
                     VARIANT inReplyWanted,
                     VARIANT * outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
InUser	VT_BSTR	12	in	The user-ID to use in Bartrack.
InID	VT_BSTR	20	in	Individual.
InComment	VT_BSTR	30	in	Comment.
InReplyWanted	VT_BSTR	1	in	Reply message request (see below).
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation Semantics

inReplyWanted: This parameter indicates if reply message is expected by the sender or not. Following values are handled:

Value	Action
N	The sending system don't expect a reply message (even if the update was not successful)
Y	The sending system expect a reply message (even if the update was successful)
Any other	Same as 'N'

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XupdateExemption

Description

This function enables the sending system to set the exemption in Bartrack.

Required Bartrack version

1.0 or higher.

Syntax

```
long XupdateExemption(VARIANT    inUser,
                      VARIANT    inID,
                      VARIANT    inExemption,
                      VARIANT    inReplyWanted,
                      VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
InUser	VT_BSTR	12	in	The user-ID to use in Bartrack.
InID	VT_BSTR	20	in	Individual.
InExemption	VT_BSTR	1	in	Exemption (see below).
InReplyWanted	VT_BSTR	1	in	Reply message request (see below).
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation Semantics

inExemption: This parameter indicates if an exemption is set or not. Following values are handled:

Value	Action
N	The EXEMPTION field in Bartrack is set to N for the individual.
Y	The EXEMPTION field in Bartrack is set to Y for the individual.
Any other	Same as 'N'

inReplyWanted: This parameter indicates if reply message is expected by the sender or not. Following values are handled:

Value	Action
N	The sending system don't expect a reply message (even if the update was not successful)
Y	The sending system expect a reply message (even if the

	update was successful)
Any other	Same as 'N'

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, 8, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XUpdateExemption_1

Description

This function enables the sending system to set the exemption in Bartrack.

The function works in the same way as the updateExemption function, but it uses another SFT message.

Required Bartrack version

1.0 or higher.

Syntax

```
long XUpdateExemption_1(VARIANT    inUser,
                        VARIANT    inID,
                        VARIANT    inExemption,
                        VARIANT    inReplyWanted,
                        VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
InUser	VT_BSTR	12	in	The user-ID to use in Bartrack.
inID	VT_BSTR	20	in	Individual.
inExemption	VT_BSTR	1	in	Exemption (see below).
inReplyWanted	VT_BSTR	1	in	Reply message request (see below).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation Semantics

inExemption: This parameter indicates if an exemption is set or not. Following values are handled:

Value	Action
N	The EXEMPTION field in Bartrack is set to N for the individual.
Y	The EXEMPTION field in Bartrack is set to Y for the individual.
Any other	Same as 'N'

inReplyWanted: This parameter indicates if reply message is expected by the sender or not. Following values are handled:

Value	Action
N	The sending system don't expect a reply message (even

	if the update was not successful)
Y	The sending system expect a reply message (even if the update was successful)
Any other	Same as 'N'

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, 8, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XUpdateInfo

Description

This function enables the sending system to set the individual information in Bartrack.

Required Bartrack version

1.1 or higher.

Syntax

```
long XUpdateInfo(VARIANT    inUser,
                 VARIANT    inID,
                 VARIANT    inInfo,
                 VARIANT    inReplyWanted,
                 VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
InUser	VT_BSTR	12	in	The user-ID to use in Bartrack.
InID	VT_BSTR	20	in	Individual.
InInfo	VT_BSTR	35	in	Information.
InReplyWanted	VT_BSTR	1	in	Reply message request (see below).
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation Semantics

inReplyWanted: This parameter indicates if reply message is expected by the sender or not. Following values are handled:

Value	Action
N	The sending system don't expect a reply message (even if the update was not successful)
Y	The sending system expect a reply message (even if the update was successful)
Any other	Same as 'N'

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XupdateTestStatus

Description

This function enables the sending system to set the test status flag in Bartrack.

Required Bartrack version

1.0 or higher.

Syntax

```
long XupdateTestStatus(VARIANT    inUser,
                       VARIANT    inID,
                       VARIANT    inTestStatus,
                       VARIANT    inReplyWanted,
                       VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	The user-ID to use in Bartrack.
inID	VT_BSTR	20	in	Individual.
inTestStatus	VT_BSTR	1	in	The test status (see below).
inReplyWanted	VT_BSTR	1	in	Reply message request (see below).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation Semantics

inStatus: This parameter indicates the type of action for the function. Following values are handled:

Value	Action
P	Passed
F	Failed
N	Not tested
Any other	Error is returned to the sending system

inReplyWanted: This parameter indicates if reply message is expected by the sender or not. Following values are handled:

Value	Action
N	The sending system don't expect a reply message (even if the update was not successful)
Y	The sending system expect a reply message (even if the update was successful)
Any other	Same as 'N'

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, 8, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XUpdateTestStatus_1

Description

This function enables the sending system to set the test status flag and a timestamp when the test status was changed in Bartrack.

Required Bartrack version

1.0 or higher.

Syntax

```
long XUpdateTestStatus_1(VARIANT    inUser,
                        VARIANT    inID,
                        VARIANT    inTestStatus,
                        VARIANT    inTime,
                        VARIANT    inReplyWanted,
                        VARIANT *   outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	In	The user-ID to use in Bartrack.
inID	VT_BSTR	20	In	Individual.
inTestStatus	VT_BSTR	1	In	The test status (see below).
inTime	VT_BSTR	19	In	The time stamp.
inReplyWanted	VT_BSTR	1	In	Reply message request (see below).
outErrMsg	VT_BSTR	110	Out	Error message. Only when return value is 0. When the inTime parameter is ignored and the return value is OK. The Error message is. "Information: Test status updated, current Bartrack version doesn't support user specified time"

Operation Semantics

instatus: This parameter indicates the type of action for the function. Following values are handled:

Value	Action
P	Passed
F	Failed
N	Not tested
Any other	Error is returned to the sending system

inReplyWanted: This parameter indicates if reply message is expected by the sender or not. Following values are handled:

Value	Action
N	The sending system don't expect a reply message (even if the update was not successful)
Y	The sending system expect a reply message (even if the update was successful)
Any other	Same as 'N'

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, 8, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XUpdateTestStatus_2

Description

This function enables the sending system to set the test status flag, timestamp, test id and test description when the test status was changed in Bartrack.

Required Bartrack version

1.0 or higher.

Syntax

```
long XUpdateTestStatus_2(VARIANT    inUser,
                        VARIANT    inID,
                        VARIANT    inTestStatus,
                        VARIANT    inTime,
                        VARIANT    inTestId,
                        VARIANT    inTestDesc,
                        VARIANT    inReplyWanted,
                        VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		Return	The return value of the function.
inUser	VT_BSTR	12	In	The user-ID to use in Bartrack.
inID	VT_BSTR	20	In	Individual.
inTestStatus	VT_BSTR	1	In	The test status (see below).
inTime	VT_BSTR	19	In	The time stamp.
inTestId	VT_BSTR	6	In	The test identity.
inTestDesc	VT_BSTR	16	In	The test description.
inReplyWanted	VT_BSTR	1	In	Reply message request (see below).
outErrMsg	VT_BSTR	110	Out	Error message. Only when return value is 0. When the inTime parameter is ignored and the return value is OK. The Error message is. "Information: Test status updated, current Bartrack version doesn't support user specified time"

Operation Semantics

instatus: This parameter indicates the type of action for the function. Following values are handled:

Value	Action
P	Passed
F	Failed

N	Not tested
Any other	Error is returned to the sending system

inReplyWanted: This parameter indicates if reply message is expected by the sender or not. Following values are handled:

Value	Action
N	The sending system don't expect a reply message (even if the update was not successful)
Y	The sending system expect a reply message (even if the update was successful)
Any other	Same as 'N'

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, 8, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XUpdateProductData

Description

This function enables the sending system to set the product number and revision.

Required Bartrack version

1.0 or higher.

Syntax

```
long XUpdateProductData(VARIANT    inUser,
                        VARIANT    inID,
                        VARIANT    inProductNumber,
                        VARIANT    inRevision,
                        VARIANT    inReplyWanted,
                        VARIANT *   outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	The user-ID to use in Bartrack.
inID	VT_BSTR	20	in	Individual.
inProductNumber	VT_BSTR	24	in	The product number.
inRevision	VT_BSTR	7	in	The product revision.
inReplyWanted	VT_BSTR	1	in	Reply message request (see below).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation Semantics

inReplyWanted: This parameter indicates if reply message is expected by the sender or not. Following values are handled:

Value	Action
N	The sending system don't expect a reply message (even if the update was not successful)
Y	The sending system expect a reply message (even if the update was successful)
Any other	Same as 'N'

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, 8, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XprintLabel

Description

This function will print a label for an individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XprintLabel(VARIANT    inUser,
                 VARIANT    inID,
                 VARIANT    inLabel,
                 VARIANT    inNoLabels,
                 VARIANT    inPrinter,
                 VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual to be printed.
inLabel	VT_BSTR	22	in	The label to use (see below).
inNoLabels	VT_I4	3	in	The number of labels to print (see below).
inPrinter	VT_BSTR	22	in	The printer to use (see below).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

It is possible to specify the label, the quantity and the printer:

Allowed values for inLabel:

Value	Result
<label>	The specified label will be used. If no such label exists in Bartrack, no printout occurs.
%CRT%	The labels defined for the event "Create" will be used. If no such label is defined in Bartrack, no printout occurs.
%REG%	The labels defined for the event "Register manually" will be used. If no such label is defined in Bartrack, no printout occurs.
%CHG%	The labels defined for the event "Change data" will be used. If no such label is defined in Bartrack, no printout occurs.
%STO%	The labels defined for the event "Store" will be used. If no such label is defined in Bartrack, no printout occurs.

%SHP%	The labels defined for the event "Ship" will be used. If no such label is defined in Bartrack, no printout occurs.
Blank	The product's default label will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for `inNoLabels`:

Value	Result
< 1	The defined quantity for the event will be used. If there are no labels defined for the event, no printout occurs.
1-9	The specified amount of labels will be used for all labels defined for this product.

Allowed values for `inPrinter`:

Value	Result
Blank	The <code>inUser</code> 's default printers will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs. Only labels that are allowed on that printer will be used.

Error messages

General error messages that apply to this function: 1, 3, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XReactivateID

Description

This function will reactivate an individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XReactivateID(VARIANT    inUser,  
                  VARIANT    inID,  
                  VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual.
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XshipID

Description

This function will ship an individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XshipID(VARIANT    inUser,  
             VARIANT    inID,  
             VARIANT    inDestination,  
             VARIANT    inLabel,  
             VARIANT    inNoLabels,  
             VARIANT    inPrinter,  
             VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual
inDestination	VT_BSTR	6	in	Destination (see below).
inLabel	VT_BSTR	22	in	The label to use (see below).
inNoLabels	VT_I4		in	The number of labels to print (see below).
inPrinter	VT_BSTR	22	in	The printer to use (see below).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

It is possible to specify the label, the quantity and the printer:

Allowed values for inDestination:

Value	Result
Blank	The DESTINATION field in Bartrack is set to empty
<destination>	The specified destination will be used and set to the DESTINATION field in Bartrack.

Allowed values for inLabel:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in

	Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for `inNoLabels`:

Value	Result
< 1	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for `inPrinter`:

Value	Result
Blank	The <code>inUser</code> 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XshipID_1

Description

This function will ship an individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XshipID_1(VARIANT    inUser,  
              VARIANT    inID,  
              VARIANT    inDestination,  
              VARIANT    inLabel,  
              VARIANT    inNoLabels,  
              VARIANT    inPrinter,  
              VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual
inDestination	VT_BSTR	6	in	Destination (see below).
inLabel	VT_BSTR	22	in	The label to use (see below).
inNoLabels	VT_I4		in	The number of labels to print (see below).
inPrinter	VT_BSTR	22	in	The printer to use (see below).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

It is possible to specify the label, the quantity and the printer:

Allowed values for inDestination:

Value	Result
Blank	The DESTINATION field in Bartrack is set to empty
<destination>	The specified destination will be used and set to the DESTINATION field in Bartrack.

Allowed values for inLabel:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in

	Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for `inNoLabels`:

Value	Result
< 0	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
0	No printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for `inPrinter`:

Value	Result
Blank	The <code>inUser</code> 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XForcedShipId

Description

This function will force a ship on an individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XForcedShipId(VARIANT    inUser,
                  VARIANT    inID,
                  VARIANT    inDestination,
                  VARIANT    inLabel,
                  VARIANT    inNoLabels,
                  VARIANT    inPrinter,
                  VARIANT *   outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual
inDestination	VT_BSTR	6	in	Destination (see below).
inLabel	VT_BSTR	22	in	The label to use (see below).
inNoLabels	VT_I4		in	The number of labels to print (see below).
inPrinter	VT_BSTR	22	in	The printer to use (see below).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

It is possible to specify the label, the quantity and the printer:

Allowed values for inDestination:

Value	Result
Blank	The DESTINATION field in Bartrack is set to empty
<destination>	The specified destination will be used and set to the DESTINATION field in Bartrack.

Allowed values for inLabel:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in

	Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for `inNoLabels`:

Value	Result
< 1	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for `inPrinter`:

Value	Result
Blank	The <code>inUser</code> 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XForcedShipId_1

Description

This function will force a ship on an individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XForcedShipId_1(VARIANT    inUser ,  
                    VARIANT    inID ,  
                    VARIANT    inDestination ,  
                    VARIANT    inLabel ,  
                    VARIANT    inNoLabels ,  
                    VARIANT    inPrinter ,  
                    VARIANT *  outErrMsg );
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual
inDestination	VT_BSTR	6	in	Destination (see below).
inLabel	VT_BSTR	22	in	The label to use (see below).
inNoLabels	VT_I4		in	The number of labels to print (see below).
inPrinter	VT_BSTR	22	in	The printer to use (see below).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

It is possible to specify the label, the quantity and the printer:

Allowed values for inDestination:

Value	Result
Blank	The DESTINATION field in Bartrack is set to empty
<destination>	The specified destination will be used and set to the DESTINATION field in Bartrack.

Allowed values for inLabel:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in

	Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for `inNoLabels`:

Value	Result
< 0	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
0	No printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for `inPrinter`:

Value	Result
Blank	The <code>inUser</code> 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XstoreID

Description

This function will store an individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XstoreID(VARIANT    inUser,
              VARIANT    inID,
              VARIANT    inDestination,
              VARIANT    inLabel,
              VARIANT    inNoLabels,
              VARIANT    inPrinter,
              VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual.
inDestination	VT_BSTR	6	in	Destination (see below).
inLabel	VT_BSTR	22	in	The label to use (see below).
inNoLabels	VT_I4	3	in	The number of labels to print (see below).
inPrinter	VT_BSTR	22	in	The printer to use (see below).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

It is possible to specify the label, the quantity and the printer:

Allowed values for inDestination:

Value	Result
Blank	The DESTINATION field in Bartrack is set to empty
<destination>	The specified destination will be used and set to the DESTINATION field in Bartrack.

Allowed values for inLabel:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in

	Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for `inNoLabels`:

Value	Result
< 1	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for `inPrinter`:

Value	Result
Blank	The <code>inUser</code> 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XstoreID_1

Description

This function will store an individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XstoreID_1(VARIANT    inUser,  
               VARIANT    inID,  
               VARIANT    inDestination,  
               VARIANT    inLabel,  
               VARIANT    inNoLabels,  
               VARIANT    inPrinter,  
               VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual.
inDestination	VT_BSTR	6	in	Destination (see below).
inLabel	VT_BSTR	22	in	The label to use (see below).
inNoLabels	VT_I4	3	in	The number of labels to print (see below).
inPrinter	VT_BSTR	22	in	The printer to use (see below).
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

It is possible to specify the label, the quantity and the printer:

Allowed values for inDestination:

Value	Result
Blank	The DESTINATION field in Bartrack is set to empty
<destination>	The specified destination will be used and set to the DESTINATION field in Bartrack.

Allowed values for inLabel:

Value	Result
Blank	The defined labels for the create event will be used
<label>	The specified label will be used. If no such label exists in

	Bartrack, no printout occurs.
%DEF%	The default label for the product will be used. If no such label is defined in Bartrack, no printout occurs.

Allowed values for `inNoLabels`:

Value	Result
< 0	The defined quantity for the create event will be used. If there are no labels defined for the create event, no printout occurs.
0	No printout occurs.
1-9	The specified amount of labels will be used.

Allowed values for `inPrinter`:

Value	Result
Blank	The <code>inUser</code> 's default printer will be used.
<printer>	The specified printer will be used. If no such printer is defined in Bartrack, no printout occurs.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XscrapID

Description

This function will scrap an individual.

Required Bartrack version

1.0 or higher.

Syntax

```
long XscrapID(VARIANT    inUser,  
              VARIANT    inID,  
              VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual.
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XCheckFlow

Description

This function will check if it is legal to update the test status for an individual according to the defined production flow.

Required Bartrack version

1.0 or higher.

Syntax

```
long XCheckFlow(VARIANT    inUser,
                VARIANT    inID,
                VARIANT    inTestId,
                VARIANT *  outResultFlag,
                VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		Return	The return value of the function.
InUser	VT_BSTR	12	In	User-ID.
InID	VT_BSTR	20	in	Individual.
InTestId	VT_BSTR	6	in	Test station identity.
OutResultFlag	VT_BSTR	1	out	"Y" = It is OK to update test status. "N" = It is NOT OK to update test status.
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XReqFromTracy

Description

This function will send a request to Tracy for individual information.

Required Bartrack version

1.1 or higher.

Syntax

```
long XReqFromTracy(VARIANT inUser,
                  VARIANT inID,
                  VARIANT inIndividualData,
                  VARIANT inAdditionalData,
                  VARIANT inRetailData,
                  VARIANT inNoOfLevels,
                  VARIANT * outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		Return	The return value of the function.
InUser	VT_BSTR	12	In	User-ID.
InID	VT_BSTR	20	in	Individual.
InIndividualData	VT_BSTR	1	in	Y = Request for individual data. Other = Do not request for individual data.
InAdditionalData	VT_BSTR	1	in	Y = Request for additional numbers. Other = Do not request for additional numbers.
InRetailData	VT_BSTR	1	in	Y = Request for retail products. Other = Do not request for retail products.
InNoOfLevels	VT_BSTR	1	in	1,2,3 = Request structure information for 1, 2 or 3 levels. A = Request structure information for all levels Other = Do not request for structure information.
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XGetNotGenAddNo

Description

This function returns information about not generated additional number positions.

Required Bartrack version

1.1 or higher.

Syntax

```
long XGetNotGenAddNo(VARIANT    inUser,
                    VARIANT    inID,
                    VARIANT *  outNoOfAddNo,
                    VARIANT *  outAddNoList,
                    VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value for this function.
InUser	VT_BSTR	12	In	The user-ID to use in Bartrack
InID	VT_BSTR	20	in	Individual.
outNoOfAddNo	VT_I4	3	out	Number of items in list.
outAddNoList	VT_ARRAY VT_VARIANT	dynamic	out	Data for all not generated additional numbers (see below). This value is a SAFEARRAY
OutErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The parameter **outNoOfAddNo** is used to tell the receiver how many defined but not generated additional numbers was found.

The parameter **outAddNoList** contains information about additional numbers that are possible to generate manually.

The **outAddNoList** list contains the following data:

Data	Type	Size	Comment
Position	VT_BSTR	10	Position of additional number.
Family	VT_BSTR	12	Family used when generating additional number.
Type	VT_BSTR	20	Type.
Description	VT_BSTR	32	Description of the additional number.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XGenAddNo

Description

This function will generate an additional number on specified individual and position.

Required Bartrack version

1.1 or higher.

Syntax

```
long XGenAddNo(VARIANT    inUser,
               VARIANT    inID,
               VARIANT    inPosition,
               VARIANT *  outWarningMsg,
               VARIANT *  outWarningMsgAdd,
               VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual
inPosition	VT_BSTR	10	in	Position.
outWarningMsg	VT_BSTR	80	out	Warning message.
outWarningMsgAdd	VT_BSTR	20	out	Additional data to warning message.
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XGetProductAddInfo

Description

This function returns the additional information prepared for specified product.

Required Bartrack version

1.1 or higher.

Syntax

```
long XGetProductAddInfo(VARIANT    inUser,  
                        VARIANT *  inProductNo,  
                        VARIANT *  inRevision,  
                        VARIANT *  outNoOfAddInfo,  
                        VARIANT *  outAddInfoList,  
                        VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inProductNo	VT_BSTR	24	in	Product number.
inRevision	VT_BSTR	7	in	Revision.
outNoOfAddInfo	VT_I4	3	out	Number of items in list.
outAddInfoList	VT_ARRAY VT_VARIANT	Dynamic	out	Data for all prepared additional information (see below). This value is a SAFEARRAY
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The parameter **outNoOfAddInfo** is used to tell the receiver how many defined additional informations was found.

The parameter **outAddInfoList** contains the additional information data.

The **outAddInfoList** list contains the following data:

Data	Type	Size	Comment
Code	VT_BSTR	2	Additional information code.
Name	VT_BSTR	25	Additional information name.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XGetIdAddInfo

Description

This function returns the additional information for specified individual.

Required Bartrack version

1.1 or higher.

Syntax

```
long XGetIdAddInfo(VARIANT inUser,
                   VARIANT inID,
                   VARIANT * outNoOfAddInfo,
                   VARIANT * outAddInfoList,
                   VARIANT * outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/ out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual
outNoOfAddInfo	VT_I4	3	out	Number of items in list.
outAddInfoList	VT_ARRAY VT_VARIANT	Dynamic	out	A list of additional information (see below). This value is a SAFEARRAY
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Operation

The parameter **outNoOfAddInfo** is used to tell the receiver how many additional informations was found.

The parameter **outAddInfoList** contains the additional information data.

The **outAddInfoList** list contains the following data:

Data	Type	Size	Comment
Code	VT_BSTR	2	Additional information code.
Name	VT_BSTR	25	Additional information name.
Data	VT_BSTR	33	Additional information data.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XAddAddInfo

Description

This function will add additional information to an individual

Required Bartrack version

1.1 or higher.

Syntax

```
long XAddAddInfo(VARIANT    inUser,  
                VARIANT    inID,  
                VARIANT    inCode,  
                VARIANT    inData,  
                VARIANT *   outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual
inCode	VT_BSTR	2	in	Additional information code.
inData	VT_BSTR	33	in	Additional information data.
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XUpdateAddInfo

Description

This function will update the additional information to an individual

Required Bartrack version

1.1 or higher.

Syntax

```
long XUpdateAddInfo(VARIANT    inUser ,  
                   VARIANT    inID ,  
                   VARIANT    inCode ,  
                   VARIANT    inData ,  
                   VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual
inCode	VT_BSTR	2	in	Additional information code.
inData	VT_BSTR	33	in	Additional information data.
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XDeleteAddInfo

Description

This function will delete specified additional information from an individual

Required Bartrack version

1.1 or higher.

Syntax

```
long XDeleteAddInfo(VARIANT    inUser,
                   VARIANT    inID,
                   VARIANT    inCode,
                   VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	User-ID.
inID	VT_BSTR	20	in	Individual
inCode	VT_BSTR	2	in	Additional information code.
outErrMsg	VT_BSTR	110	out	Error message. Only when return value is 0.

Error messages

General error messages that apply to this function: 1, 3, 4, 5, 7, and 9. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

There are no specific error messages for this function.

XStartup

Description

This function must always be called first. This function will initialise the BarAPIx and verify the Bartrack user.

Required Bartrack version

1.0 or higher.

Syntax

```
long XStartup(VARIANT    inUser,  
             VARIANT    inPassWord,  
             VARIANT *  outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
inUser	VT_BSTR	12	in	The user-ID to use in Bartrack.
inPassword	VT_BSTR	12	in	The password to use in Bartrack.
outErrMsg	VT_BSTR	110	out	If the return value is 0, an error message will be returned If the return value is 2, an information message will be returned. Read more in "Function return value" on page 14.

Error messages

General error messages that apply to this function: 1, 3, 5, and 7. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

XStartup_1

Description

This function must always be called first. This function will initialise the BarAPIx.

Unlike the XStartup function, this function does not log in to Bartrack.

Required Bartrack version

1.0 or higher.

Syntax

```
long XStartup_1(VARIANT * outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
outErrMsg	VT_BSTR	110	out	If the return value is 0, an error message will be returned If the return value is 2, an information message will be returned. Read more in "Function return value" on page 14.

Error messages

General error messages that apply to this function: 1, 3, 5, and 7. Please, refer to "General Error Messages" on page 14 for a description of these error messages.

XShutdown

Description

This function must always be called as the last function before the main program exits. This function will delete some object.

Required Bartrack version

1.0 or higher.

Syntax

```
long XShutdown(VARIANT * outErrMsg);
```

Parameters Description

Parameter	Type	Size	In/out	Comment
	VT_I4		return	The return value of the function.
outErrMsg	VT_BSTR	110	out	If the return value is 0, an error message will be returned If the return value is 2, an information message will be returned. Read more in "Function return value" on page 14.

Error messages

General error message that apply to this function: 9. Please refer to "General Error Messages" on page 14 for a description of the error message.

