



Infor LN Public Interfaces Reference Guide (On-premises)

Release Enterprise Server 10.8

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About this guide

Intended audience

This guide is intended for IT professionals working in implementation projects or IT optimization phases for Infor LN. Basic knowledge about the Infor LN software structure and Infor LN's 4GL programming language is a pre-requisite.

Related documents

You can find these documents on docs.infor.com:

- *Infor LN Studio Application Development Guide*
- *Infor LN Studio Integration Development Guide*
- *Infor LN Extensions Development Guide*

You can find the *Infor ES Programmer's Guide* in [KB2924522](#). The content of this guide is also available in the help pages of Infor LN Studio.

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Chapter 1 Introduction

Infor LN is a standard ERP application with rich functionality. With its built-in flexibility with parameters, workflows, dynamic processes, it can be adjusted to serve the business processes in the industries Infor LN is designed for. To close the small gaps between the standard functionality and the specific business needs, Infor LN offers a variety of extensibility possibilities. The main goal of extensibility is to develop the last-mile functionality for your organization without changing the core standard software components and using only the public interfaces of the standard application. In this way, you can develop the extensions fully separated from the standard components and upgrading the standard software will therefore not result in additional efforts and costs for upgrading the customizations. Extensions are not influenced by the upgrade process.

Public Interfaces

Public Interfaces are methods with LN application functionality that can be called from extensions.

Public Interfaces explained

The development of extensions can be made easier if methods from the LN Application can be used. This can be done by using the so-called LN Public Interfaces. LN Public Interfaces are functions in the LN Application that are available for anyone who develops extensions on LN. The available LN Public Interfaces are visible in LN Studio and in the Extension Modeler. LN Public Interfaces are generic functions with a certain level of complexity that will likely be used by multiple customers. Simple read actions, for example, needs to be developed by customers or implementation partners themselves. Moreover, LN Public Interfaces will perform something what cannot easily be achieved with one or more standard sessions or processes in LN.

How to request a new Public Interface

Apply the following process if you need a new LN Public Interface:

- 1 Evaluate if the new LN Public Interface is generic and contains a certain level of complexity. Make sure the required feature cannot be achieved with personalizing a standard session or process.

- 2 Create an incident and clearly describe the required LN Public Interface. Use the Excel Sheet "Request Template for LN Public Interfaces & Process Extensions)" which is attached to [KB2003722](#) in the Infor Customer Portal.
- 3 Infor Support will create a defect for this incident.
- 4 Infor Development will review the requested LN Public Interface and will either develop the new LN Public Interface or reject the request. If the LN Public Interface is developed it will be released via the regular delivery process.
- 5 After the new solution has been installed the customer can use the new LN Public Interface in the extension modeler and/or in LN Studio.
- 6 Infor Support will complete the incident.

Public Interface example

Find below an example of one of the LN Public Interfaces. This Public Interface converts an amount to another currency.

```
long Common.ConvertAmount(
    domain    tcncmp    iFinancialCompany,
    domain    tcamnt    iSourceAmount,
    domain    tcccur    iSourceCurrency,
    domain    tcrtyp    iExchangeRateType,
    domain    tcdate    iRateDateUTC,
    domain    tcccur    iTargetCurrency,
    ref       domain    tcamnt    oTargetAmount,
    ref       domain    tcmcs.s999m oExceptionMessage mb,
    ref       long      oExceptionID)
```

It is very important to use LN Public Interfaces properly and to catch the errors. For this reason, each Public Interface has the output arguments 'oExceptionMessage' and 'oExceptionID'.

If the Public Interface returns a value unequal to zero, then argument oExceptionMessage is filled for sure with the latest exception message and argument oExceptionID is a reference to an XML-object that contains some more information about the exception. This extra information can be retrieved by using the Public Interface 'Exception' in otcextxtapi. It is also important to free up memory by calling Public Interface Exception.Delete(...).

If the Public Interface returns zero, arguments oExceptionMessage and oExceptionID could be filled due to information messages. So, in fact only the return value indicates if a public interface is successful or not.

The next example shows how to implement error handling when using LN Public Interfaces, in this case Common.ConvertAmount to convert an amount to another currency.

```
#pragma used dll "otcextextapi"
#pragma used dll "otcextemmapapi"

        long          exception.id, i
domain    tcmcs.s999m    exception.message

if Common.ConvertAmount(..., exception.message, exception.id) <> 0 then
    |* Exception(s) found.
    for i = 1 to Exception.NumberOfMessages(exception.id)
        dal.set.error.message("@"& Exception.GetMessage(i))
    endfor
    Exception.Delete(exception.id)
    return (DALHOOKERROR)
else
    |* Call was successful. Exception messages could exist!
    Exception.Delete(exception.id)
endif
```

To be able to use the Public Interface in your extensions, you need to add a “#pragma used dll” statement for the DLL that contains the Public Interface. The DLL names can be found in the documentation of the available Public Interfaces. Note that the DLL name needs to be preceded by an “o” in the #pragma-statement.

Available Public Interfaces

The next chapters of this document describe the available Public Interfaces for Infor LN (Enterprise Server 10.8) and what their usage is.

If the Public Interfaces described in this document are not shown in the Extension Modeler or Infor LN Studio in your environment, it may be necessary to apply a Knowledge Base article (KB) that can be found in the Infor Customer Portal. The applicable KB number is mentioned in the Public Interface description.

Chapter 2 Public Interfaces for Exchange

Public Interfaces for ExchangeScheme

The following functions are available:

[ExchangeScheme.NonRegularImport](#)

[ExchangeScheme.RegularImport](#)

ExchangeScheme.NonRegularImport

DLL:	daextxchapi								
	This function is available from KB2321682 .								
Syntax:	<pre>long ExchangeScheme.NonRegularImport (domain daxch.cxch iExchangeScheme, domain daxch.cbat iBatchFrom, domain daxch.cbat iBatchTo, domain daxch.pint iBatchSequenceNumberFrom, domain daxch.pint iBatchSequenceNumberTo, domain daxch.redo iProcessingType, domain daxch.yesno iReprocessRecordsRejectedDueToErrors, domain daxch.yesno iReprocessRecordsRejectedDueToConditions, domain daxch.yesno iOverruleBatchCompany, domain daxch.comp iBatchCompany, domain daxch.yesno iReallyQuitOnStopCondition, ref long oRunNumber, ref long oTryNumber, ref domain daxch.yesno oProcessStoppedDueToStopCondition, ref string oExceptionMessage(), ref long oExceptionId)</pre>								
Usage:	<p>Expl: This function does a non regular import of the given ExchangeScheme. Based on session "Import Data (on a Non Regular Basis)" (daxch0223m000)</p> <p>Pre: NA</p> <p>Post:</p> <p>Input:</p> <table><tr><td>iExchangeScheme</td><td>- Exchange Scheme code: Mandatory</td></tr><tr><td>iBatchFrom</td><td>- Batch From:</td></tr><tr><td>iBatchTo</td><td>- Batch To: Mandatory</td></tr></table>			iExchangeScheme	- Exchange Scheme code: Mandatory	iBatchFrom	- Batch From:	iBatchTo	- Batch To: Mandatory
iExchangeScheme	- Exchange Scheme code: Mandatory								
iBatchFrom	- Batch From:								
iBatchTo	- Batch To: Mandatory								

	<p>iBatchSequenceNumberFrom- Sequence Number From of the batch.</p> <p>iBatchSequenceNumberTo - Sequence Number To of the batch. Mandatory</p> <p>iProcessingType - The processing type of the import procedure: Mandatory</p> <p>Allowed values</p> <p>daxch.redo.new 1 (New run)</p> <p>daxch.redo.restart 2 (Restart Previous run)</p> <p>daxch.redo.reprocess 3 (Reprocess rejected records)</p> <p>daxch.redo.continue 4 (Continue interrupted run)</p> <p>iReprocessRecordsRejectedDueToErrors</p> <p>daxch.yesno.yes = 1</p> <p>daxch.yesno.no = 2</p> <p>- records that are rejected due to errors in the previous import run are processed again: Mandatory</p> <p>- This option has only influence when iProcessingType = daxch.redo.reprocess</p> <p>iReprocessRecordsRejectedDueToConditions</p> <p>daxch.yesno.yes = 1</p> <p>daxch.yesno.no = 2</p> <p>- records that are rejected due to conditions in the previous run are processed again: Mandatory</p> <p>- This option has only influence when iProcessingType = daxch.redo.reprocess</p> <p>iOVERRIDEBatchCompany</p> <p>daxch.yesno.yes = 1</p> <p>daxch.yesno.no = 2</p> <p>- batch companies that are defined in the Batches (daxch0104m000) session are overruled: Mandatory</p> <p>iBatchCompany</p> <p>- The LN company that is used instead of the batch company.</p> <p>- This option has only influence when iOVERRIDEBatchCompany = daxch.yesno.yes</p> <p>iReallyQuitOnStopCondition</p> <p>daxch.yesno.yes = 1</p> <p>daxch.yesno.no = 2</p> <p>- yes: an import program cannot continue if it is stopped.</p> <p>- no: the exchange process will not stop if a stop condition returns true</p> <p>Output:</p> <p>oRunNumber - The run number of the exchange scheme that is imported or redone</p> <p>oTryNumber - The Try number of the executed run.</p> <p>oProcessStoppedDueToStopCondition</p> <p>- Yes the Import was stopped due to a</p> <p>oExceptionMessage - The last message if any message is found. If more than one message is given, these are present in the oExceptionID.</p> <p>oExceptionID - An ID that refers to the exception information. Use the functions in Exception to get all relevant information.</p> <p>stop condition</p> <p>Return: 0 - The Exchange Scheme is imported or process stopped due to stop condition</p> <p><> 0 - Execution stopped. Exchange scheme, batch or sequence does not exist</p>
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ExchangeScheme.RegularImport

DLL:	daextxchapi																				
	This function is available from KB2321682 .																				
Syntax:	<pre> long ExchangeScheme.RegularImport (domain daxch.cxch iExchangeScheme, domain daxch.redo iProcessingType, domain daxch.yesno iReprocessRecordsRejectedDueToErrors, domain daxch.yesno iReprocessRecordsRejectedDueToConditions, domain daxch.yesno iOVERRIDEBatchCompany, domain daxch.comp iBatchCompany, domain daxch.yesno iReallyQuitOnStopCondition, domain daxch.yesno iIgnoreBatchesToImport, domain daxch.yesno iUncompressASCIIFiles, ref long oRunNumber, ref long oTryNumber, ref domain daxch.yesno oProcessStoppedDueToStopCondition, ref string oExceptionMessage(), ref long oExceptionId) </pre>																				
Usage:	<p>Expl: This function does a regular import of the given ExchangeScheme. Based on session "Import Data (on a Regular Basis)" (daxch0224m000)</p> <p>Pre: NA</p> <p>Post:</p> <p>Input:</p> <ul style="list-style-type: none"> iExchangeScheme - Exchange Scheme code: Mandatory iProcessingType - The processing type of the import procedure: Mandatory <p>Allowed values</p> <table border="0"> <tr> <td>daxch.redo.new</td> <td>1 (New run)</td> </tr> <tr> <td>daxch.redo.restart</td> <td>2 (Restart Previous run)</td> </tr> <tr> <td>daxch.redo.reprocess</td> <td>3 (Reprocess rejected records)</td> </tr> <tr> <td>daxch.redo.continue</td> <td>4 (Continue interrupted run)</td> </tr> </table> <p>iReprocessRecordsRejectedDueToErrors</p> <table border="0"> <tr> <td>daxch.yesno.yes</td> <td>= 1</td> </tr> <tr> <td>daxch.yesno.no</td> <td>= 2</td> </tr> </table> <ul style="list-style-type: none"> - records that are rejected due to errors in the previous import run are processed again: Mandatory - This option has only influence when iProcessingType = daxch.redo.reprocess <p>iReprocessRecordsRejectedDueToConditions</p> <table border="0"> <tr> <td>daxch.yesno.yes</td> <td>= 1</td> </tr> <tr> <td>daxch.yesno.no</td> <td>= 2</td> </tr> </table> <ul style="list-style-type: none"> - records that are rejected due to conditions in the previous run are processed again: Mandatory - This option has only influence when iProcessingType = daxch.redo.reprocess <p>iOVERRIDEBatchCompany</p> <table border="0"> <tr> <td>daxch.yesno.yes</td> <td>= 1</td> </tr> <tr> <td>daxch.yesno.no</td> <td>= 2</td> </tr> </table> <ul style="list-style-type: none"> - batch companies that are defined in 	daxch.redo.new	1 (New run)	daxch.redo.restart	2 (Restart Previous run)	daxch.redo.reprocess	3 (Reprocess rejected records)	daxch.redo.continue	4 (Continue interrupted run)	daxch.yesno.yes	= 1	daxch.yesno.no	= 2	daxch.yesno.yes	= 1	daxch.yesno.no	= 2	daxch.yesno.yes	= 1	daxch.yesno.no	= 2
daxch.redo.new	1 (New run)																				
daxch.redo.restart	2 (Restart Previous run)																				
daxch.redo.reprocess	3 (Reprocess rejected records)																				
daxch.redo.continue	4 (Continue interrupted run)																				
daxch.yesno.yes	= 1																				
daxch.yesno.no	= 2																				
daxch.yesno.yes	= 1																				
daxch.yesno.no	= 2																				
daxch.yesno.yes	= 1																				
daxch.yesno.no	= 2																				

	<p>the Batches (daxch0104m000) session are overruled: Mandatory</p> <p>iBatchCompany</p> <ul style="list-style-type: none"> - The LN company that is used instead of the batch company. - This option has only influence when iOverrideBatchCompany = daxch.yesno.yes <p>iReallyQuitOnStopCondition</p> <p>daxch.yesno.yes = 1 daxch.yesno.no = 2</p> <ul style="list-style-type: none"> - yes: an import program cannot continue if it is stopped. - no: the exchange process will not stop if a stop condition returns true <p>iIgnoreBatchesToImport</p> <p>daxch.yesno.yes = 1 daxch.yesno.no = 2</p> <ul style="list-style-type: none"> - yes: the batches in the exchange scheme are ignored during the import procedure. - no: the batches in the exchange scheme are not ignored <p>iUncompressASCIIFiles</p> <p>daxch.yesno.yes = 1 daxch.yesno.no = 2</p> <ul style="list-style-type: none"> - yes: compressed ASCII files are restored to their original format before the import procedure - no: ASCII file may not be compressed <p>Output:</p> <p>oRunNumber</p> <ul style="list-style-type: none"> - The run number of the exchange scheme that is imported or redone <p>oTryNumber</p> <ul style="list-style-type: none"> - The Try number of the executed run. <p>oProcessStoppedDueToStopCondition</p> <ul style="list-style-type: none"> - Yes the Import was stopped due to a stop condition <p>oExceptionMessage</p> <ul style="list-style-type: none"> - The last message if any message is found. If more than one message is given, these are present in the oExceptionID. <p>oExceptionID</p> <ul style="list-style-type: none"> - An ID that refers to the exception information. Use the functions in Exception to get all relevant information. <p>Return: 0</p> <ul style="list-style-type: none"> - The Exchange Scheme is imported or process stopped due to stop condition <p><> 0</p> <ul style="list-style-type: none"> - Execution stopped. Exchange scheme, batch or sequence does not exist
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Public Interfaces for ExchangeLogBatchLineLevel

The following functions are available:

[ExchangeLogBatchLineLevel.StartOverview](#)

ExchangeLogBatchLineLevel.StartOverview

DLL:	daextxchapi This function is available from KB2321682 .
Syntax:	<pre> long ExchangeLogBatchLineLevel.StartOverview(const long iStartMode, const string iStartFilter(), const long iSessionIndex, const string iQueryExtend(), domain daxch.txch iTypeOfExchange, const string iExchangeScheme(), long iRunNumber, long iTryNumber, domain daxch.cbat iBatch, ref string oExceptionMessage(), ref long oExceptionID) </pre>
Usage:	<p>Expl: This function starts session Log Table (Batch Line Level) (daxch0509m000).</p> <p>Input: iStartMode Specifies the start mode for the session. Possible values are:</p> <p>MODAL - The parent session is blocked until the child session exits, the session will be started as a zoom session.</p> <p>MODELESS - Parent and child are parallel sessions that can be manipulated simultaneously.</p> <p>iStartFilter Not Used</p> <p>iSessionIndex Not Used</p> <p>iQueryExtend Not Used</p> <p>iTypeOfExchange Mandatory</p> <p>iExchangeScheme Mandatory</p> <p>iRunNumber The Run Number If value = 0 then the last runnumber is used</p> <p>iTryNumber The Try Number If value = 0 then the last try number is used</p> <p>iBatch The Batch</p> <p>Output: oExceptionMessage - The last message if the return value is not equal to 0. If more than one message is given, these are present in the oExceptionID</p> <p>oExceptionID - An ID that refers to all error information. Use the functions in Exception to get all relevant information.</p> <p>Return: 0 - Session started <> 0 - Otherwise.</p>

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Chapter 3 Public Interfaces for Job Management

Public Interfaces for Job

The following functions are available:

[Job.Activate](#)

Job.Activate

DLL:	ttextaadapi	
	This function is available from KB3634024 .	
Syntax:	<pre>long Job.Activate(const domain ttaad.cjob iJob, ref string oExceptionMessage() mb, ref long oExceptionID)</pre>	
Usage:	<p>Expl: This Public Interface activates a Job. The following rules apply for the Job:</p> <ul style="list-style-type: none"> - Current user must have authorization for the Job. - Job must have been defined with 'Use External Schedule'. - Job must contain at least one active session. - Job status must be 'Free'; this implies that it can be activated only once, until the execution is ready. <p>The Job will be queued and picked up by the Job Scheduler as soon as possible. Note that if the Job is not defined as 'Periodical', it can be activated only once, because it will be deleted after the execution.</p> <p>Pre: db.retry.point() must have been set.</p> <p>Post: abort.transaction() or commit.transaction() must be done.</p> <p>Input: iJob - The Job which must be activated. Mandatory.</p> <p>Output: oExceptionMessage - A message if the return value is not equal to 0. This message contains the root cause of the of the method failure.</p> <p>oExceptionID - An ID that refers to all error information. Use the functions in Exception to get the error messages.</p> <p>Return values:</p> <p>0 - Function is executed successfully</p> <p><> 0 - Error(s) occurred</p>	

Public Interfaces for JobSession

The following functions are available:

[JobSession.ChangeInputValue](#)

JobSession.ChangeInputValue

DLL:	ttxtaadapi
	This function is available from KB3522710 .
Syntax:	<pre> long JobSession.ChangeInputValue(const domain ttaad.cjob iJob, const domain ttaad.sequ iSessionNumber, const string iFieldName(), const string iNewValue(), const boolean iValidateField, ref string oExceptionMessage() mb, ref long oExceptionID) </pre>
Usage:	<p>Expl: This Public Interface changes one input value for a session in a job. To change multiple values, the function must be called multiple times. All types of variables are supported, including dates; however, dates must be absolute dates. If dates are stored as a relative date, the change will be ignored, or an error will be set (in case iValidateField is 'true'). The new value must be cast to a string, so for non-string values, use the str\$() function. Array fields can be handled as well. For string fields, a suffix (1,<element>) for iFieldName is needed, for example "form.ccur(1,2)" for the second element in the array. For non-string fields the suffix must be (<element>), e.g. "form.qty(2)". Ensure there are no blanks and leading zeros in the suffix.</p> <p>Pre: db.retry.point() must have been set.</p> <p>Post: abort.transaction() or commit.transaction() must be done.</p> <p>Input:</p> <ul style="list-style-type: none"> iJob - The Job for which the input value must be changed. Mandatory. iSessionNumber - The Session Number (not the Sequence Number!) in the job for which the input value must be changed. Mandatory. iFieldName - The Field Name in the session. Mandatory. iNewValue - New value for the form field in the job session. Optional (empty value will clear the form field). iValidateField - Indicator whether a non-existing field or a relative date must result in an error. Otherwise they will be ignored. Mandatory (true/false). <p>Output:</p> <ul style="list-style-type: none"> oExceptionMessage - A message if the return value is not equal to 0. This message contains the root cause of the of the method failure. oExceptionID - An ID that refers to all error information. Use the functions in Exception to get the error

	<div>Return values:</div> <div>0</div> <div><> 0</div>	<div>messages.</div> <div>- Function is executed successfully</div> <div>- Error(s) occurred</div>
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Chapter 4 Public Interfaces for User Management

Public Interfaces for User

The following functions are available:

[User.ConvertToRuntime](#)

User.ConvertToRuntime

DLL:	ttextaadapi									
	This function is available from KB3601093 .									
Syntax:	<pre>long User.ConvertToRuntime(const domain ttaad.user iUser, const boolean iUserData, const boolean iRemoteUserData, const boolean iDevicePreferences, const boolean iDevelopmentParameters, const boolean iDeveloperAuthorizations, ref string oExceptionMessage() mb, ref long oExceptionID)</pre>									
Usage:	<p>Expl: This Public Interface converts User Data to runtime. The functionality is the same as the Convert action in session User Data (ttaad2500m000). Transaction management is handled internally in this Public Interface.</p> <p>Pre: No transaction active. User must be able to switch to company 0.</p> <p>Post: None.</p> <p>Input:</p> <table><tr><td>iUser</td><td>- The User which must converted to runtime. Mandatory and must exist in the database.</td></tr><tr><td>iUserData</td><td>- If this option is selected, the user data, terminal authorizations and text group authorizations are converted to run time. Mandatory (true/false).</td></tr><tr><td>iRemoteUserData</td><td>- If this option is selected, the remote user data are converted to run time. Mandatory (true/false). Is ignored in Cloud Edition.</td></tr><tr><td>iDevicePreferences</td><td>- If this option is selected, the device preferences are converted to run time. Mandatory (true/false).</td></tr></table>		iUser	- The User which must converted to runtime. Mandatory and must exist in the database.	iUserData	- If this option is selected, the user data, terminal authorizations and text group authorizations are converted to run time. Mandatory (true/false).	iRemoteUserData	- If this option is selected, the remote user data are converted to run time. Mandatory (true/false). Is ignored in Cloud Edition.	iDevicePreferences	- If this option is selected, the device preferences are converted to run time. Mandatory (true/false).
iUser	- The User which must converted to runtime. Mandatory and must exist in the database.									
iUserData	- If this option is selected, the user data, terminal authorizations and text group authorizations are converted to run time. Mandatory (true/false).									
iRemoteUserData	- If this option is selected, the remote user data are converted to run time. Mandatory (true/false). Is ignored in Cloud Edition.									
iDevicePreferences	- If this option is selected, the device preferences are converted to run time. Mandatory (true/false).									

	<div>iDevelopmentParameters</div> <div>iDeveloperAuthorizations</div> <div>Output: oExceptionMessage</div> <div>oExceptionID</div> <div>Return values: 0 <> 0</div>	<div>- If this option is selected, the development parameters are converted to run time. Mandatory (true/false).</div> <div>- If this option is selected, the developer authorizations are converted to run time. Mandatory (true/false).</div> <div>- A message if the return value is not equal to 0. This message contains the root cause of the of the method failure.</div> <div>- An ID that refers to all error information. Use the functions in Exception to get the error messages.</div> <div>- Function is executed successfully</div> <div>- Error(s) occurred</div>
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Chapter 5 Public Interfaces for Document Output Management

Public Interfaces for Documents

The following functions are available:

[Documents.StartOverview](#)

Documents.StartOverview

DLL:	ttextrpiapi This function is available from KB3636431 .
Syntax:	<pre> long Documents.StartOverview(const long iStartMode, const string iStartFilter(), const long iSessionIndex, const string iQueryExtend(), const domain ttutc iBatchStartDate, const domain ttlong10 iBatchID, const domain ttlong10 iDocument, const domain ttrpi.bsta iDocumentStatus, const domain ttrpi.doct iDocumentType, const domain ttdesc40 iDocumentKeyWord1 mb, const domain ttdesc40 iDocumentKeyWord2 mb, const domain ttdesc40 iDocumentKeyWord3 mb, const domain ttdesc40 iDocumentKeyWord4 mb, ref domain ttutc oBatchStartDate, ref domain ttlong10 oBatchID, ref domain ttlong10 oDocument, ref domain ttdesc500 oExceptionMessage mb, ref long oExceptionID) </pre>
Usage:	<p>Expl: This Public Interface starts the session "Documents (ttrpi3510m000)" with the given input parameters.</p> <p>Pre: -</p> <p>Post: -</p> <p>Input: iStartMode Specifies the start mode for the session.</p>

	<p>Possible values are:</p> <p>MODAL - The parent session is blocked until the child session exits, the session will be started as a zoom session.</p> <p>MODELESS - Parent and child are parallel sessions that can be manipulated simultaneously.</p> <p>iStartFilter Not used.</p> <p>iSessionIndex Specifies the session index that is to be used. If specific session index is to be used, below Indices are only applicable: iStartMode equals MODELESS:</p> <ul style="list-style-type: none"> Index 1 - Documents by Batch (default) Index 2 - Documents by Status Index 4 - Documents by Document Type, Keyword 1 Index 5 - Documents by Document Type, Keyword 2 Index 6 - Documents by Document Type, Keyword 3 Index 7 - Documents by Document Type, Keyword 4 Index 8 - Documents by Document Type <p>iStartMode equals MODAL:</p> <ul style="list-style-type: none"> Index 1 - Documents by Batch <p>iQueryExtend Optional A specific query to be used when zooming to this session.</p> <p>iBatchStartDate - The DOM batch start date.</p> <p>iBatchID - The DOM batch ID.</p> <p>iDocument - The DOM document number</p> <p>iDocumentStatus - The DOM document status</p> <p>iDocumentType - The DOM document type</p> <p>iDocumentKeyWord1 - The DOM Keyword 1</p> <p>iDocumentKeyWord2 - The DOM Keyword 2</p> <p>iDocumentKeyWord3 - The DOM Keyword 3</p> <p>iDocumentKeyWord4 - The DOM Keyword 4</p> <p>Output:</p> <p>For iStartMode MODAL:</p> <p>oBatchStartDate - The DOM batch start date.</p> <p>oBatchID - The DOM batch ID</p> <p>oDocument - The DOM document number</p> <p>For exceptions:</p> <p>oExceptionMessage - A message if the return value is not equal to 0. This message contains the root cause of the method failure.</p> <p>oExceptionID - An ID that refers to all error information. Use the functions in Exception to get the error messages.</p> <p>Return values:</p> <p>0 - Function is executed successfully</p> <p><> 0 - Error(s) occurred</p>
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Chapter 6 Public Interfaces for Application Development

Public Interfaces for AdditionalFile

The following functions are available:

[AdditionalFile.Upload](#)

AdditionalFile.Upload

DLL:	tttextadvapi This function is available from KB3641415 .		
Syntax:	<pre>long AdditionalFile.Upload(domain ttscm.sofc iAdditionalFile mb, domain ttdesc60 iDescription mb, boolean iEditable, domain ttst255m iFile mb, domain ttst255m iRevisionText mb, ref string oExceptionMessage() mb, ref long oExceptionID)</pre>		
Usage:	<p>Expl: This Public Interface uploads an additional file. The following rules apply for the upload action.</p> <ul style="list-style-type: none"> - The upload action can only handle additional files in package tx - The current user should have development authorization for package tx - The current user should have a current Package VRC for development in package tx - The additional file argument (iAdditionalFile) consists of package, module and additional file name, where package and module should already exist - The additional file will be created or updated in the package VRC of package tx of the current package combination of the user - If SCM is on, the additional file will be checked out and checked in. Revision text will be used as checkin text. <p>Pre: db.retry.point() must have been set.</p> <p>Post: abort.transaction() or commit.transaction() must be done.</p> <p>Input: iAdditionalFile - The additional file to be uploaded. Including package, module, additional file and extension. Mandatory</p>		

	<div><div>iDescription</div><div>- The description of the additional file</div></div> <div><div>iEditable</div><div>- Indicates if this additional file is editable (true/false)</div></div> <div><div>iFile</div><div>- Complete path of the file to be uploaded. Mandatory</div></div> <div><div>iRevisionText</div><div>- Revision text to be used as checkin text</div></div> <div><div>Output: oExceptionMessage</div><div>- A message if the return value is not equal to 0. This message contains the root cause of the method failure.</div></div> <div><div>oExceptionID</div><div>- An ID that refers to all error information. Use the functions in Exception to get the error messages.</div></div> <div><div>Return values:</div><div>0</div><div>- Function is executed successfully</div></div> <div><div><> 0</div><div>- Error(s) occurred</div></div>
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