

(Public) Step → Exceptions

About this document

This document contains the exceptions that a certain step in a Cisco Unified Contact Center Express (UCCX) - version 8.5(1) - script may throw, so they may be handled using the "On Exception Goto" step.

As the name suggests, exceptions occur in exceptional situations. Many steps already have exit nodes that lead the script execution in case an error occurs. However, a script should be prepared for exceptional situations, too.

Luckily, using the "On Exception Goto" and the "On Exception Clear" steps, these exceptions can be handled, so the script may continue running - if an exception is not caught, script execution stops at the step that raised the exception.

Unfortunately there is no public documentation available describing all the UCCX script exceptions. The Cisco Unified Contact Center Express Editor Step Reference Guide, Release 8.5(1), Cisco Unified Contact Center Express Scripting and Development Series: Volume 2 November 2010 lists only three (`com.cisco.script.ScriptNotFoundException`, `com.cisco.doc.DocumentNotFoundException`, `com.cisco.channel.ChannelUnsupportedException`).

This document has been created in hope that the advanced UCCX administrator or programmer will find it useful.

Legend

The following table, Exceptions by Step, contains these columns:




- Group: logical grouping of steps,
- Icon: graphical representation of the step,
- Step: the name of the step,
- Throws: the declared exception (always `com.cisco.wfapi.WFExecutionException`) and its subclasses, including the description of the situation they may be thrown.





The reader should be familiar with the terms







- "trigger" (the action object that ran the application),
- "contact" (the representation of the object of the script),
- "channel" (a handle that controls the contact),
- "expression" (textual representation or even Java code that evaluates to an expected type).




Understanding of the basic concepts of the Java programming language is recommended, too.






Exceptions by Step





Group	Icon	Step	Throws
ACD		Connect	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Wrong trigger type:"; com.cisco.wfapi.WFExecutionException: if the contact is null, with message: "Contact object, (...) is NULL"; com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: ", is not an instance of Call Contact."; com.cisco.wfapi.WFExecutionException: if task is not an instance of com.cisco.app.WFWorkflowAppTask, with message: "Task is not an instance of WFWorkflowAppTask:"; com.cisco.contact.ContactInactiveException: while trying to get the ICD channel from the contact object; com.cisco.channel.ChannelUnsupportedException: when the ICD contact channel was returned, but is null, with message: "Failed to get the ICD Channel from the Contact"; com.cisco.wfapi.WFExecutionException: if the resource selected variable index is invalid, with message: "Invalid Resource Selected variable Index:"; com.cisco.contact.ContactInactiveException: while trying to get the call control channel from the contact object; com.cisco.channel.ChannelUnsupportedException: when the contact call control channel was returned, but is null, with message: "Failed to get the Call Control Channel from the Contact"; com.cisco.expression.ExpressionException: if an error occurs while evaluating/assigning the value of the "Ringtime" expression; com.cisco.wfapi.WFExecutionException or com.cisco.wfapi.WFRuntimeException: while transferring the contact to a resource, and setting its state to unavailable, with message: "An interruption handler could not set to Select a Resource"; com.cisco.channel.ChannelExecutionException: if while connecting the call to a resource, a fatal error occurred (anything but com.cisco.contact.ContactInactiveException, com.cisco.channel.ChannelUnsupportedException, com.cisco.contact.IllegalContactStateException and com.cisco.channel.ChannelExecutionException with any reason except for "UNCAUGHT_EXCEPTION").
ACD		Create CSQ Prompt	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: (caught com.cisco.expression.ExpressionException, rethrown as com.cisco.wfapi.WFExecutionException) if an error occurs while evaluating/assigning the value of the "CSQ ID" expression; com.cisco.wfapi.WFExecutionException: (caught java.lang.Exception, rethrown as com.cisco.wfapi.WFExecutionException) for any reason, with message: CreateCSQSpokenNamePromptStep: Could not create csq prompt."
ACD		Dequeue	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: if context cannot be accessed from task, with message: "Failed to access context"; com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Wrong trigger type:"; com.cisco.wfapi.WFExecutionException: if the contact is null, with message: "Contact object, (...) is NULL"; com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: ", is not an instance of Call Contact."; com.cisco.channel.ChannelUnsupportedException: if the ICD channel is null, with message: "Failed to get the ICD Channel from the Contact" com.cisco.expression.ExpressionException: if an error occurs while evaluating/assigning the value of the "CSQ" expression; com.cisco.wfapi.WFExecutionException: if CSQ expression name is invalid, with message: "Failed to load CSQ because CSQ: (...) is invalid"; com.cisco.wfapi.WFExecutionException: if CSQ bad type, with message: "Failed to load CSQ because CSQ: (...) is not of type - VOICE". <p>Interestingly, com.cisco.contact.ContactInactiveException is handled internally and is not rethrown (only a message in trace log).</p>





ACD		Get Reporting Statistic	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if context cannot be accessed from task, with message: "Failed to access context"; • com.cisco.wf.steps.ivr.WFReportingStepException: if reporting object does not exist, with message: "Reporting object (...) doesn't exist"; • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Wrong trigger type:"; • com.cisco.wfapi.WFExecutionException: if the contact is null, with message: "Contact object, (...) is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: ", is not an instance of a valid Contact."; • com.cisco.expression.ExpressionException: if an error occurs while evaluating/assigning the value of the ""  expression.
ACD		Request Route	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Wrong trigger type:"; • com.cisco.wfapi.WFExecutionException: if the contact is null, with message: "Contact object, (...) is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: ", is not an instance of Call Contact."; • com.cisco.contact.ContactInactiveException: if the contact is inactive while getting the channel; • com.cisco.channel.ChannelUnsupportedException: if the contact returned null ICD Channel, with message: "Failed to get the ICD Channel from the Contact"; • com.cisco.expression.ExpressionException: if an error occurs while evaluating/assigning the value of the "timeout" expression.
ACD		Select Resource	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Wrong trigger type:"; • com.cisco.wfapi.WFExecutionException: contact variable index invalid/unknown, with message: "Variable, (...) is not available in the workflow."; • com.cisco.wfapi.WFExecutionException: if the contact is null, with message: "Contact object, (...) is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: ", is not an instance of Call Contact."; • com.cisco.contact.ContactInactiveException: if the contact is inactive while getting the ICD channel; • com.cisco.channel.ChannelUnsupportedException: if the contact returned null ICD channel, with message: "Failed to get the ICD Contact from the ICD Channel"; • com.cisco.contact.ContactInactiveException: if the contact is inactive while getting the call control channel; • com.cisco.channel.ChannelUnsupportedException: if the contact returned null call control channel, with message: "Failed to get the Call Control Channel from the Contact"; • com.cisco.wfapi.WFExecutionException: if the task is not an instance of com.cisco.app.WFWorkflowAppTask, with message: "Task is not an instance of WFWorkflowAppTask:"; • com.cisco.expression.ExpressionException: if an error occurs while evaluating/assigning the value of the "user" or "ringtime" expression; • com.cisco.wfapi.WFExecutionException: if the expression value is not an instance of com.cisco.user.User, with message: "Resource is not a valid User type variable:".







ACD		Set Priority	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if context cannot be accessed from task, with message: "Failed to access context"; • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " SetPriorityStep: Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if the contact is null, with message: "SetPriorityStep: Contact object, (...), is NULL."; • com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: "SetPriorityStep: (...) is not an instance of Call Contact."; • com.cisco.contact.ContactInactiveException: if the contact is inactive while getting the ICD channel; • com.cisco.channel.ChannelUnsupportedException: if the contact returned null ICD channel, with message: "failed to get ICDChannel from the contact". <p>If the priority expression is invalid, the priority is set to 1.</p>
ACD		Start Monitor	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.expression.ExpressionException: if an error occurs while evaluating/assigning the  expression; • com.cisco.wfapi.WFExecutionException: if the expression evaluation returned null, with message: "Invalid null resource extension" or "Invalid null CSQ"; • com.cisco.expression.ExpressionException: if an error occurs while evaluating/assigning the supervisor expression; • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Wrong trigger type:"; • com.cisco.wfapi.WFExecutionException: if the contact is null, with message: "startMonitoring: call object, (...), is NULL." • com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: "startMonitoring: (...) is not an instance of Call Contact."; • com.cisco.wfapi.WFExecutionException: if the call contact object is null, with message: "No contact object exists in the workflow context"; • com.cisco.contact.ContactInactiveException: if the contact is inactive while getting the ICD channel; • com.cisco.channel.ChannelUnsupportedException: if the contact returned null ICD channel, with message: "Failed to retrieve the ICD Channel from the Contact"; • com.cisco.wfapi.WFExecutionException: if the task is not an instance of com.cisco.app.WFWorkflowAppTask, with message: "Task is not an instance of WFWorkflowAppTask: "; • com.cisco.wfapi.WFExecutionException: while registering the start/stop handler, with message: "An interruption handler could not be registered"; • com.cisco.app.ApplicationException: rethrown if an error occurs while starting to monitor.
ACD		Stop Monitor	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Wrong trigger type:"; • com.cisco.wfapi.WFExecutionException: if the contact is null, with message: "startMonitoring: call object, (...), is NULL."  invalid error message, • com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: "startMonitoring: (...) is not an instance of Call Contact."  invalid error message, • com.cisco.wfapi.WFExecutionException: if the call contact object is null, with message: "No contact object exists in the workflow context"; • com.cisco.contact.ContactInactiveException: if the contact is inactive while getting the ICD channel; • com.cisco.channel.ChannelUnsupportedException: if the contact returned null ICD channel, with message: "Failed to retrieve the ICD Channel from the Contact".







<p>Call Contact</p> 	<p>Call Consult Transfer</p>		<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the original contact is not an instance of com.cisco.call.CallContact, with message: "ConsultTransferStep: Triggering contact is not a CallContact."; • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " ConsultTransferStep: Trigger is not a ContactApplicationTrigger."; • com.cisco.wfapi.WFExecutionException: if the task is not an instance of com.cisco.app.WFAppTask, with message: " ConsultTransferStep: Task is not a WFAppTask."; • com.cisco.wfapi.WFExecutionException: if the contact cannot be got from the context, with message: " ConsultTransferStep: Can't get CallContact from public context."; • com.cisco.wfapi.WFExecutionException: if the target contact is not an instance of com.cisco.call.CallContact, with message: " ConsultTransferStep: The selected Contact to redirect is not a call."; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the DTMF, destination or timeout expressions; • com.cisco.channel.ChannelUnsupportedException: if the call contact returned null channel, with message: "no call control channel"; • com.cisco.contact.ContactInactiveException: if the contact is inactive while getting the channel, with message: "ConsultTransferStep: Call dropped"; • com.cisco.app.ApplicationInterruption: if the application was interrupted (probably by a different application); • com.cisco.wfapi.WFExecutionException: if an uncaught exception occurred, probably a fatal error, with message: "ConsultTransferStep: Could not transfer call" (caught java.lang.Exception, rethrown as com.cisco.wfapi.WFExecutionException).
<p>Call Contact</p> 	<p>Call Hold</p>		<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " HoldStep: Trigger is not a ContactApplicationTrigger." • com.cisco.wfapi.WFExecutionException: if contact variable is unknown, with message: " HoldStep: variable (...) is not available in the workflow"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " HoldStep: Contact object is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: ", is not an instance of Call Contact."; • com.cisco.contact.ContactInactiveException: if the contact is inactive while getting the call control channel; • com.cisco.channel.ChannelUnsupportedException: if the contact returned null control channel, with message: "no call control channel"; • com.cisco.wfapi.WFExecutionException: if an exception occurred while putting the call on hold; • com.cisco.wfapi.WFExecutionException: if an uncaught exception occurred while putting the call on hold (fatal error), with message: " HoldStep: Could not answer call." (caught java.lang.Exception, rethrown as com.cisco.wfapi.WFExecutionException).
<p>Call Contact</p> 	<p>Call Redirect</p>		<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "RedirectStep (CallRedirect): Trigger is not a ContactApplicationTrigger."; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " HoldStep: Contact object is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: "RedirectStep (CallRedirect): Triggering contact is not a CallContact."; • com.cisco.wfapi.WFExecutionException: if the call to redirect is null, with message: "RedirectStep (CallRedirect): The selected Contact to redirect is not a call."; • com.cisco.contact.ContactInactiveException: if the contact is inactive while getting the call control channel, with message: "RedirectStep (CallRedirect): Call dropped"; • com.cisco.channel.ChannelUnsupportedException: if the contact returned null control channel, with message: "no call control channel"; • com.cisco.wfapi.WFExecutionException: if an uncaught exception occurred while putting the call on hold (fatal error), with message: • RedirectStep (CallRedirect): Could not redirect call." (caught java.lang.Exception, rethrown as com.cisco.wfapi.WFExecutionException).












<p>Call Contact</p> 	<p>Call Unhold</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " UnholdStep: Trigger is not a ContactApplicationTrigger."; • com.cisco.wfapi.WFExecutionException: if contact variable is unknown, with message: " UnholdStep: variable (...) is not available in the workflow"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " UnholdStep: Contact object is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: ", is not an instance of Call Contact."; • com.cisco.contact.ContactInactiveException: if the contact is inactive while getting the call control channel, with message: " UnholdStep: Call dropped"; • com.cisco.channel.ChannelUnsupportedException: if the contact returned null control channel, with message: "no call control channel"; • com.cisco.wfapi.WFExecutionException: if an exception occurred while retrieving the call; • com.cisco.wfapi.WFExecutionException: if an uncaught exception occurred while putting the call on hold (fatal error), with message: " UnholdStep: Could not answer call. " (caught java.lang.Exception, rethrown as com.cisco.wfapi.WFExecutionException).
<p>Call Contact</p> 	<p>Get Call Contact Info</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "GetCallContactInfoStep (HandledSessionStep) Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: "GetCallContactInfoStep (HandledSessionStep): call object is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: ", is not an instance of Call Contact.";
<p>Call Contact</p> 	<p>Get Enterprise Call Info</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " GetEnterpriseCallInfoStep: Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if the contact is null, with message: " GetEnterpriseCallInfoStep: contact object (...) is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: "is not an instance of Call Contact."; • com.cisco.expression.ExpressionException: when an error occurs evaluating the expression(s).
<p>Call Contact</p> 	<p>Place Call</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.expression.ExpressionException: if an error occurs while evaluating/assigning the value of the "telephone" or "timeout" expression; • com.cisco.wfapi.WFExecutionException: if the timeout evaluates to null, with message: "invalid null timeout". <p>Almost all exceptions are handled internally, leading to different branches of the step, except for com.cisco.app.ApplicationInterruption, which may occur if another task interrupts this.</p>
<p>Call Contact</p> 	<p>Set Enterprise Call Info</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " SetEnterpriseCallInfoStep: Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if the contact is null, with message: " SetEnterpriseCallInfoStep: contact object (...) is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact is not an instance of com.cisco.contact.Contact, with message: "is not an instance of Call Contact."; • com.cisco.expression.ExpressionException: when an error occurs evaluating the expression(s).













Contact		Accept	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " AcceptStep: Trigger is not a ContactApplicationTrigger."; com.cisco.wfapi.WFExecutionException: when the contact is null, with message: " AcceptStep: Contact object is NULL"; com.cisco.wfapi.WFExecutionException: when the contact is not an instance of com.cisco.contact.Contact, with message: "is not an instance of Call Contact."; com.cisco.channel.ChannelUnsupportedException: when there is no contact control channel, with message: "no contact control channel"; com.cisco.contact.ContactInactiveException: when the contact is already inactive, with message: " AcceptStep: Call dropped"; <p>Any other exception is rethrown as com.cisco.wfapi.WFExecutionException with message: " AcceptStep: Could not answer call. ".</p>
Contact		Get Contact Info	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " GetContactInfoStep: Wrong trigger type"; com.cisco.wfapi.WFExecutionException: if the contact object is null or not an instance of com.cisco.contact.Contact.
Contact		Reject	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " RejectStep: Trigger is not a ContactApplicationTrigger."; com.cisco.wfapi.WFExecutionException: when the contact is null, with message: " RejectStep: Contact object is NULL"; com.cisco.wfapi.WFExecutionException: when the contact is not an instance of com.cisco.contact.Contact, with message: "is not an instance of Call Contact."; com.cisco.channel.ChannelUnsupportedException: when there is no contact control channel, with message: "no contact control channel"; com.cisco.contact.ContactInactiveException: when the contact is already inactive, with message: " RejectStep: Call dropped"; <p>Any other exception is rethrown as com.cisco.wfapi.WFExecutionException with message: " RejectStep: Could not answer call. ".</p>
Contact		Set Contact Info	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " SetContactInfoStep(HandledSessionStep): Wrong trigger type"; com.cisco.wfapi.WFExecutionException: when the contact is null, with message: " SetContactInfoStep(HandledSessionStep): Contact object is NULL"; com.cisco.wfapi.WFExecutionException: when the contact is not an instance of com.cisco.contact.Contact, with message: "is not an instance of Call Contact."; com.cisco.expression.ExpressionException: evaluating/assigning an expression caused an exception; com.cisco.session.IllegalSessionStateException or com.cisco.contact.IllegalContactStateException: when adding the contact to a session.




Contact		Terminate	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: when the contact is not an instance of com.cisco.contact.Contact, with message: " TerminateStep: Triggering contact is not a CallContact."; com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " TerminateStep: Trigger is not a ContactApplicationTrigger."; com.cisco.wfapi.WFExecutionException: when the contact is null, with message: " TerminateStep: Can't get CallContact from public context."; com.cisco.wfapi.WFExecutionException: when the contact is not an instance of com.cisco.contact.Contact, with message: " TerminateStep: The selected Contact to terminate is not a call."; com.cisco.channel.ChannelUnsupportedException: when there is no contact control channel, with message: "no contact control channel"; <p>Any other exception is rethrown as com.cisco.wfapi.WFExecutionException with message: " TerminateStep: Could not disconnect call. "</p>
Database		DB Get	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: when a java.lang.Exception is caught, probably when getting the DB Resource; com.cisco.wfapi.WFExecutionException: when the DB Resource name is a zero-length string, with message: " Invalid Runtime Parameters"; com.cisco.wfapi.WFExecutionException: when the referenced DB Resource is not configured, with message: "Invalid Runtime Parameters"; com.cisco.wfapi.WFExecutionException: when the SQL return type is unknown, with message: "Unhandled type, database fieldname:"; com.cisco.wfapi.WFExecutionException: when the database subsystem is not available, with message: " Database Subsystem is not Available"; If any exception is thrown while setting the variable with the values returned by the database, a com.cisco.wfapi.WFExecutionException is thrown, with message: "unable set the variable with the value returned from the database ". <p>An exception of type java.sql.SQLException is handled internally, leading to the "SQL Error" branch of the step.</p>
Database		DB Read	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: if the database name is a zero-length string, with message: " Invalid Runtime Parameters"; com.cisco.wfapi.WFExecutionException: if the DB Resource name is a zero-length string, with message: " Invalid Runtime Parameters"; com.cisco.wfapi.WFExecutionException: if the SQL statement is a zero-length string, with message: " Invalid Runtime Parameters"; com.cisco.wfapi.WFExecutionException: when the database subsystem is not available, with message: " Database Subsystem is not Available"; com.cisco.wfapi.WFExecutionException: if the name of the database is changed while Query Reuseexplain is attempted, with message: " DB Resource reuse attempted to changed database"; com.cisco.wfapi.WFExecutionException: when a java.lang.Exception is caught, for any other reason. <p>An exception of type java.sql.SQLException is handled internally, leading to the "SQL Error" branch of the step.</p>
Database		DB Release	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: if the DB Resource name is a zero-length string, with message: " Invalid Runtime Parameters"; com.cisco.wfapi.WFExecutionException: when the database subsystem is not available, with message: " Database Subsystem is not Available"; com.cisco.wfapi.WFExecutionException: when a java.lang.Exception is caught, for any other reason.




Database		DB Write	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the database name is a zero-length string, with message: " Invalid Runtime Parameters"; • com.cisco.wfapi.WFExecutionException: if the DB Resource name is a zero-length string, with message: " Invalid Runtime Parameters"; • com.cisco.wfapi.WFExecutionException: if the SQL statement is a zero-length string, with message: " Invalid Runtime Parameters"; • com.cisco.wfapi.WFExecutionException: when the database subsystem is not available, with message: " Database Subsystem is not Available"; • com.cisco.wfapi.WFExecutionException: if the name of the database is changed while Query Reuse^{explain} is attempted, with message: " DB Resource reuse attempted to changed database"; • com.cisco.wfapi.WFExecutionException: when a java.lang.Exception is caught, for any other reason. <p>An exception of type java.sql.SQLException is handled internally, leading to the "SQL Error" branch of the step.</p>
Document		Cache Document	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.doc.DocumentNotFoundException when java.io.FileNotFoundException is caught, with the following message: "I/O exception from caching document."; • com.cisco.doc.DocumentIOException when java.io.IOException is caught, with the following message: "I/O exception from caching document."; • com.cisco.wfapi.WFExecutionException when com.cisco.wfapi.WFExecutionException is caught, most likely due to a com.cisco.expression.ExpressionException while evaluating or assigning an expression, with the following message: "General exception from caching document:"; • com.cisco.doc.DocumentException when a java.lang.Exception is caught, in any other circumstances if an exception is thrown and is not handled (yet).
Document		Create File Document	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.expression.ExpressionException: if an error occurs while evaluating the file name expression, or, while assigning to the document variable.
Document		Create URL Document	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.expression.ExpressionException: if an error occurs while evaluating the expressions, or, while to the document variable.
Document		Create XML Document	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if source document variable has a null value, with the following message: "Source document variable (...) has null value."; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the XML source or XML source id expressions, or, while assigning value to a variable.
Document		Get XML Document Data	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the document variable has null value, with message: "Source document variable (...) has null value."; • com.cisco.wfapi.WFExecutionException: if the document is not an instance of com.cisco.doc.DomDocument - meaning it cannot be transformed into an "XML document", with message: "Could not get a value from a document variable that has not been created by the Create XML Document Step"; • com.cisco.expression.ExpressionException: if an error occurs while assigning the value of the expression; • com.cisco.doc.DocumentNotFoundException: if java.io.FileNotFoundException is caught; • com.cisco.doc.DocumentIOException: when java.io.IOException is caught; • com.cisco.doc.DocumentException: a java.lang.Exception is caught, in any other circumstances if an exception is thrown and is not handled.




Document		Keyword Transform Document	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.doc.DocumentException: if source document is null, with message: "Keyword Transform Document Step: Source Document (...) has a null value."; com.cisco.expression.ExpressionException: if an error occurs while evaluating/assigning the value of the expression.
Document		Upload Document	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: if an unhandled error occurs while evaluating/assigning the value of the expression. <p>Other exceptions (com.cisco.file.FileExistException, java.io.IOException, java.lang.SecurityException, java.lang.Exception) are handled internally, leading to the "Unsuccessful" or "Exist" branches.</p>
Document		Write Document	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.doc.DocumentException: if the document to be written is null, with message: "The document to write is null.". <p>Interestingly, all other exceptions are caught, but no extra treatment is given.</p>
Document		XSL Transform Document	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException is thrown, when the evaluation result is null, with this message: "XSL Transform Document document is invalid" com.cisco.expression.ExpressionException: if an error occurs while evaluating/assigning the value of the expression.
eMail Contact		Attach To eMail	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.channel.ChannelUnsupportedException: if email channel is not available, with message: "no email channel"; com.cisco.expression.ExpressionException: error happened during expression evaluation (name or document); <p>If a java.lang.Exception is caught, in any other circumstances, the script will continue using the "Unsuccessful" exit.</p>
eMail Contact		Create eMail	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.channel.ChannelUnsupportedException: if email channel is not available, with message: "no email control group"; com.cisco.channel.ChannelExecutionException: failed to create a new contact; com.cisco.app.ApplicationException: failed to create a new contact; com.cisco.wfapi.WFExecutionException: when a java.lang.Exception is caught; com.cisco.channel.ChannelUnsupportedException: when the email control channel is null, message: " Failed to retrieve an email control channel from the email contact."; com.cisco.wfapi.WFExecutionException: when setting the body and/or the subject, with message: " Exception while setting the email subject and/or the body.". <p>Interestingly, this step will never exit using its "Unsuccessful" branch.</p>



eMail Contact		Send eMail	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.channel.ChannelUnsupportedException: if email channel is not available, with message: "no email channel"; com.cisco.contact.ContactInactiveException: while trying to get the channel, with message: " Exception while setting the email recipient(s) and/or the sender.". <p>If a javax.mail.MessagingException or any other exception is thrown, the step exits using its "Unsuccessful" branch.</p>
General		Start	No exception.
General		Annotate	No exception.
General		Call Subflow	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: if an unhandled error occurs while evaluating/assigning the value of the expression; com.cisco.script.ScriptException: preprocessing caught error; com.cisco.wfapi.WFExecutionException: when the subflow name/reference is invalid, with message: "invalid subflow name"; com.cisco.wfapi.WFExecutionException: caused by other exceptions.
General		Day of Week	<p>com.cisco.wfapi.WFExecutionException: rethrown if</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: timezone expression evaluation error; com.cisco.wf.subsystems.obj.WFNoDayOfWeekFoundException (subclass of com.cisco.wfapi.WFExecutionException) with message "Could not find a range of days that contains the current day" 
General		Decrement	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: occured when decrementing the expression content.
General		Delay	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: delay expression evaluation error; if the sleep method throws it (its other exception, java.lang.InterruptedExcption, is handled internally).
General		Do	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: if an error occurs when evaluating the expression.
General		End	No exception.
General		Goto	No exception.




General		If	com.cisco.wfapi.WFExecutionException: <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: due to an expression evaluation error.
General		Increment	com.cisco.wfapi.WFExecutionException: <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: due to an expression evaluation error.
General		Label	No exception.
General		On Exception Clear	com.cisco.wfapi.WFExecutionException: rethrown if <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException:  com.cisco.wfapi.WFRuntimeException: while trying to clear the exception handler from task.
General		On Exception Goto	com.cisco.wfapi.WFExecutionException: rethrown if <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException:  com.cisco.wfapi.WFRuntimeException: while trying to set the exception handler on task.
General		Set	com.cisco.wfapi.WFExecutionException: <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: due to an expression evaluation error.
General		Switch	com.cisco.wfapi.WFExecutionException: <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: due to an expression evaluation error.
General		Time of Day	com.cisco.wfapi.WFExecutionException: <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: due to an expression evaluation error.
Grammar		Create Language Grammar	com.cisco.wfapi.WFExecutionException: <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: if an error happened while assigning/evaluating the grammar variable expression.
Grammar		Create Menu Grammar	com.cisco.wfapi.WFExecutionException: <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: if an error happened while assigning/evaluating the grammar variable expression.



Grammar		Upload Grammar	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: if an error happened while assigning/evaluating the grammar locale, name, user, document expressions; <p>Interestingly, all other exceptions are handled internally, leading to different branches of the step.</p>
HTTP Contact		Get Http Contact Info	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: if trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Get Http Contact Info: HTTP Contact is invalid"; com.cisco.wfapi.WFExecutionException: if the contact object is null, with message: " GetHttpContactInfo: Contact object is NULL"; com.cisco.wfapi.WFExecutionException: if the contact object is not an instance of com.cisco.contact.Contact, with message: " GetHttpContactInfo: is not an instance of Contact."; com.cisco.wfapi.WFExecutionException: if the contact objec is not an instance of com.cisco.http.HttpContact, with message: "Get Http Contact Info: contact is not an HttpContact."; com.cisco.expression.ExpressionException: if an error occured while the result value assignment; com.cisco.contact.ContactInactiveException: when the contact is inactive while getting the channel; com.cisco.wfapi.WFExecutionException: if the HTTP request is null, with message: "GetHttpHeader (GetHttpContact): HTTP Request is invalid".
HTTP Contact		Http Forward	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: if trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Http Forward: HTTP Contact is invalid"; com.cisco.wfapi.WFExecutionException: if the contact object is null, with message: " HTTPForward: Contact object is NULL"; com.cisco.wfapi.WFExecutionException: if the contact object is not an instance of com.cisco.contact.Contact, with message: " HTTPForward: is not an instance of Contact."; com.cisco.wfapi.WFExecutionException: if the contact object is not an instance of com.cisco.http.HttpContact, with message: "Http Forward: contact is not an HttpContact."; com.cisco.expression.ExpressionException: if an error occured while the result value assignment; com.cisco.contact.ContactInactiveException: when the contact is inactive while getting the channel; com.cisco.channel.ChannelUnsupportedException: if getting the channel was successful, but the result is null, with message: "no http control channel"; com.cisco.expression.ExpressionException: parameters evaluation caused an error, with message: "invalid null parameter key"; com.cisco.wfapi.WFExecutionException: if the expression evaluation returned null, with message: "Http Forward: URI path is invalid".




<p>HTTP Contact</p> 	<p>Http Include</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Http Include: HTTP Contact is invalid"; • com.cisco.wfapi.WFExecutionException: if the contact object is null, with message: " HTTPInclude: Contact object is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact object is not an instance of com.cisco.contact.Contact, with message: " HTTPInclude: is not an instance of Contact."; • com.cisco.wfapi.WFExecutionException: if the contact object is not an instance of com.cisco.http.HttpContact, with message: "Http Include: contact is not an HttpContact."; • com.cisco.contact.ContactInactiveException: when the contact is inactive while getting the channel; • com.cisco.channel.ChannelUnsupportedException: if getting the channel was successful, but the result is null, with message: "no http control channel"; • com.cisco.expression.ExpressionException: if an error occurred while evaluating parameters; • com.cisco.wfapi.WFExecutionException: if parameter evaluation returned null, with message: "invalid null parameter key"; • com.cisco.expression.ExpressionException: if an error occurred while evaluating path expression; • com.cisco.wfapi.WFExecutionException: if path expression evaluation returned null, with message: "Http Include: URI path is invalid";
<p>HTTP Contact</p> 	<p>Http Redirect</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.expression.ExpressionException: if URL Expression evaluation causes an error; • com.cisco.wfapi.WFExecutionException: if trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Http Redirect: HTTP Contact is invalid"; • com.cisco.wfapi.WFExecutionException: if the contact object is null, with message: " HttpRedirect: Contact object is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact object is not an instance of com.cisco.contact.Contact, with message: " HttpRedirect: is not an instance of Contact."; • com.cisco.wfapi.WFExecutionException: if the contact object is not an instance of com.cisco.http.HttpContact, with message: "Http Redirect: contact is not an HttpContact."; • com.cisco.contact.ContactInactiveException: when the contact is inactive while getting the channel; • com.cisco.channel.ChannelUnsupportedException: if getting the channel was successful, but the result is null, with message: "no http control channel"; • com.cisco.app.ApplicationException: if redirect causes an error.
<p>HTTP Contact</p> 	<p>Send Http Response</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.expression.ExpressionException: if document expression evaluation causes an error; • com.cisco.wfapi.WFExecutionException: if after document evaluation the document object is null, with message: " Http response document is invalid."; • com.cisco.wfapi.WFExecutionException: if trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Send Http Response: HTTP Contact is invalid"; • com.cisco.wfapi.WFExecutionException: if the contact object is null, with message: " SendResponse: Contact object is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact object is not an instance of com.cisco.contact.Contact, with message: "SendResponse: is not an instance of Contact."; • com.cisco.wfapi.WFExecutionException: if the contact object is not an instance of com.cisco.http.HttpContact, with message: "Send Http Response: contact is not an HttpContact."; • com.cisco.contact.ContactInactiveException: when the contact is inactive while getting the channel; • com.cisco.channel.ChannelUnsupportedException: if getting the channel was successful, but the result is null, with message: "no http control channel"; • com.cisco.app.ApplicationException: if sending the document causes an error.




<p>HTTP Contact</p>		<p>Set Http Contact Info</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Set Http Contact Info: HTTP Contact is invalid"; • com.cisco.wfapi.WFExecutionException: if the contact object is null, with message: " SetHttpContactInfo: Contact object is NULL"; • com.cisco.wfapi.WFExecutionException: if the contact object is not an instance of com.cisco.contact.Contact, with message: "SetHttpContactInfo: is not an instance of Contact."; • com.cisco.wfapi.WFExecutionException: if the contact object is not an instance of com.cisco.http.HttpContact, with message: "Set Http Contact Info: contact is not an HttpContact."; • com.cisco.contact.ContactInactiveException: when the contact is inactive while getting the channel; • com.cisco.channel.ChannelUnsupportedException: if getting the channel was successful, but the result is null, with message: "no http control channel"; • com.cisco.app.ApplicationException: if accepting the channel causes an error; • com.cisco.expression.ExpressionException: if header name/value or cookie name/value caused an error; • com.cisco.wfapi.WFExecutionException: if result is returned, but is null, with message: " SetHttpHeaderr (SetHttpContact): HTTP response is invalid".
<p>ICM</p>		<p>Set ICM Result</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " SetICMResultStep: Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: when the contact is null; • com.cisco.wfapi.WFExecutionException: when the contact is not an instance of com.cisco.contact.Contact; • com.cisco.channel.ChannelUnsupportedException: when there is no contact control channel; • com.cisco.contact.ContactInactiveException: when the contact is already inactive; <p>Other exceptions as com.cisco.wfapi.WFExecutionException, with message: "Set ICM Result Step: CiscoScriptRequest is invalid"</p>
<p>Java</p>		<p>Create Remote Java Object</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.expression.ExpressionException: if port, host or service expression causes an error; • com.cisco.expression.ExpressionException: if result assignment causes an error; • com.cisco.wfapi.WFExecutionException: if service lookup causes java.rmi.NotBoundException or java.net.MalformedURLException; • com.cisco.wfapi.WFClassRemoteCreationException: if service lookup causes a java.rmi.RemoteException.



Media		Explicit Confirmation	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if task is not a type of com.cisco.app.WFAppTask, with message: "ExplicitConfirmStep: Wrong task type"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " ExplicitConfirmStep: contact object, is NULL."; • com.cisco.wfapi.WFExecutionException: if contact object is not an instance of com.cisco.contact.Contact, with message: " ExplicitConfirmStep: (...) is not an instance of Contact."; • com.cisco.channel.ChannelUnsupportedException: if the contact's channel is null, with message: "no dialog channel"; • com.cisco.app.ApplicationException: if there was an error creating a dialog object; <p>Other exceptions as com.cisco.wfapi.WFExecutionException, with message "DialogObject creation failure";</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if timeout expression is not an instance of number, with message: "invalid timeout: "; • com.cisco.wfapi.WFExecutionException: if retries expression is not an instance of number, with message: "invalid maximum retries: "; • com.cisco.app.ApplicationInterruptedException: if while step invocation was interrupted, with message: " ExplicitConfirmStep: Dialog Object was interrupted"; • com.cisco.wfapi.WFExecutionException: any other error while step invocation, with message: " ExplicitConfirmStep: Exception in invoke()".
Media		Extended Get Digit String	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.expression.ExpressionException: while evaluating the expressions of input length, terminating key, cancel key; • com.cisco.wfapi.WFExecutionException: if terminating key expression value is not '#' or not '*' or not 'N', with message: " ExtendedGetDigitString (ExtendedParseInputStep): Invalid Terminating Key: "; • com.cisco.wfapi.WFExecutionException: if cancel key expression value is not '#' or not '*' or not 'N', with message:" ExtendedGetDigitString (ExtendedParseInputStep): Invalid Cancel Key: "; • com.cisco.wfapi.WFExecutionException: if terminating key and cancel key are equal, but the teminating key value is not 'N', with message: "ExtendedGetDigitString (ExtendedParseInputStep): Terminating Key and Cancel Key can't be the same"; • com.cisco.wfapi.WFExecutionException: if filter contains terminating key, with message: " ExtendedGetDigitString (ExtendedParseInputStep): Terminating Key can't be one of the filter key"; • com.cisco.wfapi.WFExecutionException: if filter contains cancel key, with message: "ExtendedGetDigitString (ExtendedParseInputStep): Cancel Key can't be one of the filter key"; • com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "GetDigitStringStep (ParseInputStep or Extended): Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " ParseInput(or Extended): call object (...) is NULL."; • com.cisco.wfapi.WFExecutionException: if contact object is not an instance of com.cisco.contact.Contact, with message: " ParseInput(or Extended) (...) is not an instance of Call Contact."; • com.cisco.channel.ChannelUnsupportedException: if the contact's channel is null, with message: " GetDigitStringStep (Original or Extended): " + " Could not get Dialog Channel!"; • com.cisco.wfapi.WFExecutionException: if while creating a dialog object, the method throws a com.cisco.wfapi.WFExecutionException, with message: " GetDigitStringStep (Original rr Extended): " + "Could not create SimpleDigistStringDialog Object"; • com.cisco.wfapi.WFExecutionException: if while creating a dialog object, the method throws a java.lang.Exception, with message: " GetDigitStringStep (ParseInputStep)(or Extended): some exception"; • com.cisco.app.ApplicationInterruptedException: if while step invocation was interrupted, with message: " GetDigitStringStep (ParseInputStep)(or Extended): was interrupted.".




<p>Media</p> 	<p>Extended Play Prompt</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the value of "Interruptible", "Flush Input Buffer", "Barge In", "Continue On Prompt Errors" is not a boolean value (original exception com.cisco.expression.ExpressionException rethrown as com.cisco.wfapi.WFExecutionException); • com.cisco.contact.ContactInactiveException: if an error occurs while trying to get the contact's channel; • com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "PlayPromptStep (OutputStep or Extended): Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " PlayPromptStep (OutputStep or Extended): call object (...) is NULL."; • com.cisco.wfapi.WFExecutionException: if contact object is not an instance of com.cisco.contact.Contact, with message: "PlayPromptStep (OutputStep or Extended): (...) is not an instance of Call Contact."; • com.cisco.channel.ChannelUnsupportedException: if the contact's channel is null, with message: " PlayPromptStep (Original or Extended)): Could not get Dialog Channel"; • com.cisco.wfapi.WFExecutionException: if while creating a dialog object, the method throws a com.cisco.wfapi.WFExecutionException, with message: " PlayPromptStep (Original or Extended): Could not create PlayPromptDialog Object"; • com.cisco.wfapi.WFExecutionException: if while creating a dialog object, the method throws a java.lang.Exception, with message: " PlayPromptStep (OutputStep or Extended): " + "some exception"; • com.cisco.app.ApplicationInterruptedException: if while step invocation was interrupted, with message: " PlayPromptStep (OutputStep or Extended): " + "was interrupted."
<p>Media</p> 	<p>Get Digit String</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if there's an error while evaluating the expressions of input length, maximum number of retries, initial timeout, interdigit timeout • com.cisco.wfapi.WFExecutionException: the input length expression is not a number, with message: "invalid null input length"; • com.cisco.wfapi.WFExecutionException: the maximum number of retries expression is not a number, with message: "invalid null maximum retries"; • com.cisco.wfapi.WFExecutionException: the initial timeout expression is not an Integer, with message: "invalid null initial timeout"; • com.cisco.wfapi.WFExecutionException: the interdigit timeout expression is not an Integer, with message: "invalid null initial timeout"  error message invalid • com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "GetDigitStringStep (ParseInputStep or Extended): Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " ParseInput(or Extended): call object (...) is NULL."; • com.cisco.wfapi.WFExecutionException: if contact object is not an instance of com.cisco.contact.Contact, with message: " ParseInput(or Extended) (...) is not an instance of Call Contact."; • com.cisco.channel.ChannelUnsupportedException: if the contact's channel is null, with message: " GetDigitStringStep (Original or Extended): " + " Could not get Dialog Channel"; • com.cisco.wfapi.WFExecutionException: if while creating a dialog object, the method throws a com.cisco.wfapi.WFExecutionException, with message: " GetDigitStringStep (Original or Extended): " + "Could not create SimpleDigitStringDialog Object"; • com.cisco.wfapi.WFExecutionException: if while creating a dialog object, the method throws a java.lang.Exception, with message: " GetDigitStringStep (ParseInputStep)(or Extended): some exception"; • com.cisco.app.ApplicationInterruptedException: if while step invocation was interrupted, with message: " GetDigitStringStep (ParseInputStep)(or Extended): was interrupted."








<p>Media</p> 	<p>Implicit Confirmation</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the task is not an instance of com.cisco.app.WFAppTask, with message: " ExplicitConfirmStep: Wrong task type"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " ImplicitConfirmStep: contact object is NULL."; • com.cisco.wfapi.WFExecutionException: if contact object is not an instance of com.cisco.contact.Contact, with message: " ImplicitConfirm Contact is not an instance of Contact."; • com.cisco.channel.ChannelUnsupportedException: if the contact's channel is null, with message: "no dialog channel"; • com.cisco.contact.ContactInactiveException: if an error occurs while trying to get the contact's channel; • com.cisco.app.ApplicationException: if an error occurs while trying to create a dialog object; • com.cisco.wfapi.WFExecutionException: if while creating a dialog object, the method throws a java.lang.Exception; • com.cisco.wfapi.WFExecutionException: if the timeout expression is not an integer, with message: "invalid null timeout"; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the timeout expression's value; • com.cisco.app.ApplicationInterruptedException: if step invocation was interrupted (caught java.lang.InterruptedExcepion); • com.cisco.app.ApplicationException: an exception thrown while invoking the step (caught com.cisco.app.ApplicationException).
<p>Media</p> 	<p>Menu</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "MenuStep: Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " MenuStep: contact object is NULL."; • com.cisco.wfapi.WFExecutionException: if contact object is not an instance of com.cisco.contact.Contact, with message: " MenuStep: (...) is not an instance of Contact."; • com.cisco.channel.ChannelUnsupportedException: if the contact's channel is null, with message: "no dialog channel"; • com.cisco.contact.ContactInactiveException: if an error occurs while trying to get the contact's channel; • com.cisco.app.ApplicationException: if while creating the dialog, an error occurs (caught a com.cisco.app.ApplicationException); • com.cisco.wfapi.WFExecutionException: if while creating the dialog, any exception but com.cisco.app.ApplicationException is thrown; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the maximum retries expression; • com.cisco.wfapi.WFExecutionException: if the maximum retries expression value is not an instance of Integer, with message: "invalid null maximum retries"; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the initial timeout expression; • com.cisco.wfapi.WFExecutionException: if the initial timeout expression value is not an instance of Integer, with message: "invalid null initial timeout"; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the prompt expression; • com.cisco.app.ApplicationInterruptedException: if a java.lang.InterruptedExcepion is thrown while invoking the step; with message: "DialogObject Interrupted:". <p>Other exceptions, for instance, java.lang.NumberFormatException are caught and handled internally.</p>





<p>Media</p>		<p>Name To User</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "MenuStep: Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " MenuStep: contact object is NULL."; • com.cisco.channel.ChannelUnsupportedException: if the contact's channel is null, with message: "no dialog channel"; • com.cisco.contact.ContactInactiveException: if an error occurs whire trying to get the contact's channel; • com.cisco.app.ApplicationException: if while creating the dialog, an error occurs (caught a com.cisco.app.ApplicationException); • com.cisco.expression.ExpressionException: if an error occurs while evaluating the input length expression; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the maximum number of retries expression; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the initial timeout expression; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the interdigit timeout expression; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the number of matches expression; • com.cisco.wfapi.WFExecutionException: if the input length expression is not an instance of Integer, with message: "invalid null input length"; • com.cisco.wfapi.WFExecutionException: if the maximum number of retries is not an instance of Integer, with message: "invalid null maximum retries"; • com.cisco.wfapi.WFExecutionException: if the initial timeout is not an instance of Integer, with message: "invalid null initial timeout"; • com.cisco.wfapi.WFExecutionException: if the interdigit timeout is not an instance of Integer, with message: "invalid null initial timeout"  invalid error message; • com.cisco.wfapi.WFExecutionException: if the number of matches is not an instance of Integer, with message: "invalid null number of matches"; • com.cisco.app.ApplicationInterruptedException: if a java.lang.InterruptedException is thrown while invoking the step; with message:" NameToUserStep (NameToAddressStep): Dialog Object was interrupted"; • com.cisco.app.ApplicationException: an exception thrown while invoking the step (caught com.cisco.app.ApplicationException).
<p>Media</p>		<p>Play Prompt</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "PlayPromptStep (OutputStep or Extended): Wrong trigger type"; • com.cisco.contact.ContactInactiveException: if an error occurs whire trying to get the contact's channel; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " PlayPromptStep (OutputStep or Extended): call object (...) is NULL."; • com.cisco.wfapi.WFExecutionException: if contact object is not an instance of com.cisco.contact.Contact, with message: "PlayPromptStep (OutputStep or Extended): (...) is not an instance of Call Contact."; • com.cisco.channel.ChannelUnsupportedException: if the contact's channel is null, with message: " PlayPromptStep (Original or Extended)): Could not get Dialog Channel"; • com.cisco.wfapi.WFExecutionException: if while creating a dialog object, the method throws a com.cisco.wfapi.WFExecutionException, with message: " PlayPromptStep (Original or Extended): Could not create PlayPromptDialog Object"; • com.cisco.wfapi.WFExecutionException: if while creating a dialog object, the method throws a java.lang.Exception, with message: " PlayPromptStep (OutputStep or Extended): " + "some exception"; • com.cisco.app.ApplicationInterruptedException: if while step invocation was interrupted, with message: " PlayPromptStep (OutputStep or Extended): was interrupted."

Media		Recording	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: " StepRecording: Wrong trigger type"; • com.cisco.contact.ContactInactiveException: if an error occurs while trying to get the contact's channel; • com.cisco.channel.ChannelUnsupportedException: if the contact's channel is null, with message: "no dialog channel"; • com.cisco.expression.ExpressionException: evaluating the recording duration expression; • com.cisco.expression.ExpressionException: if an error occurs while assigning the recording object to the result document; <p>If a java.lang.InterruptedException is thrown while invoking the step, the script will continue using the step's Unsuccessful branch.</p>
Media		Send Digit String	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "SimpleRecognitionStep (SimpleRecognitionStep): Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " SendDigitStringStep: call object (...) is NULL."; • com.cisco.wfapi.WFExecutionException: if contact object is not an instance of com.cisco.contact.Contact, with message: "SendDigitStringStep: (...) is not an instance of Call Contact."; • com.cisco.contact.ContactInactiveException: if an error occurs while trying to get the contact's channel; • com.cisco.channel.ChannelUnsupportedException: if the contact's channel is null, with message: "no dialog channel"; • com.cisco.expression.ExpressionException: if an error occurred while evaluating the digit string.
Media		Simple Recognition	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: when the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "SendDTMF Step(or Extended): Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " SimpleRecognitionStep: contact object (...) is NULL."; • com.cisco.wfapi.WFExecutionException: if contact object is not an instance of com.cisco.contact.Contact, with message: "SimpleRecognitionStep: (...) is not an instance of Contact."; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the maximum number of retries expression, with message: "SimpleRecognitionStep: Max number of retries expression evaluation error."; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the timeout expression, with message: "SimpleRecognitionStep: Ver.3: timeout expression evaluation error."; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the grammar expression, with message: "SimpleRecognitionStep: Ver.3: grammar prompt expression evaluation error."; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the prompt expression; • com.cisco.contact.ContactInactiveException: while trying to get the contact channel; • com.cisco.channel.ChannelUnsupportedException: if the contact's channel is null, with message: "no dialog channel"; • com.cisco.app.ApplicationException: while trying to create the dialog, with message: " SimpleRecognitionStep: Could not create SimpleRecognitionDialog Object"; • com.cisco.app.ApplicationInterruptedException: if a java.lang.InterruptedException caught while invoking the step. <p>Other exceptions are caught and rethrown as com.cisco.wfapi.WFExecutionException.</p>

<p>Media</p> 	<p>Voice Browser</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "SendDTMF Step(or Extended): Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if contact object is null, with message: " SimpleRecognitionStep: contact object (...) is NULL."; • com.cisco.wfapi.WFExecutionException: if contact object is not an instance of com.cisco.contact.Contact, with message: "SimpleRecognitionStep: (...) is not an instance of Contact."; • com.cisco.contact.ContactInactiveException: while trying to get the contact channel; • com.cisco.app.ApplicationException: while trying to create the dialog, with message: " SimpleRecognitionStep: Could not create SimpleRecognitionDialog Object"; • com.cisco.channel.ChannelUnsupportedException: if while creating the dialog, a java.lang.NullPointerException is caught, with message: "No dialog channel associated with the given contact"; • com.cisco.app.ApplicationException:if the dialog is null, with message: "VoiceBrowserDialog Object could not be created"; • com.cisco.expression.ExpressionException: while evaluating the URL expression; • com.cisco.wfapi.WFExecutionException: if the main page URI is null or is a zero-length string, with message: " URL is empty"; • com.cisco.wfapi.WFExecutionException: if the URL expression is malformed (caught java.net.MalformedURLException); • com.cisco.app.ApplicationException: while invoking the step; • com.cisco.app.ApplicationInterruptedException: if a java.lang.InterruptedException caught while invoking the step.
<p>Media</p> 	<p>Generic Recognition</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: if the trigger is not an instance of com.cisco.contact.ContactApplicationTrigger, with message: "Generic Recognition: Wrong trigger type"; • com.cisco.wfapi.WFExecutionException: if the task is not an instance of com.cisco.app.WFAppTask, with message: "Generic Recognition: Wrong task type"; • com.cisco.wfapi.WFExecutionException: if the contact variable is unknown, with message: "Generic Recognition: Contact variable: (...) is not in workflow."; • com.cisco.wfapi.WFExecutionException: if the contact object is null, with message: "Generic Recognition: Contact object: (...) is null."; • com.cisco.wfapi.WFExecutionException: if the contact object is not an instance of com.cisco.contact.Contact, with message: "Generic Recognition: Contact object: (...) is not an instance of Contact."; • com.cisco.expression.ExpressionException: while evaluating the grammar expression; • com.cisco.wfapi.WFExecutionException: if the grammar expression evaluation result is invalid, with message: "Grammar expression evaluation error, expr="; • com.cisco.expression.ExpressionException: while evaluating the max results expression; • com.cisco.wfapi.WFExecutionException: if the max results expression evaluation result is invalid, with message: "Max Number of Retries expression evaluation error, expr="; • com.cisco.expression.ExpressionException: while evaluating the initial timeout expression; • com.cisco.wfapi.WFExecutionException: if the initial timeout expression evaluation result is invalid, with message: "invalid null initial timeout"; • com.cisco.contact.ContactInactiveException: while trying to get the contact channel; • com.cisco.channel.ChannelUnsupportedException: if the contact's channel is null, with message: "Generic Recognition: Could not get Dialog Channel"; • com.cisco.app.ApplicationException: if while creating the dialog object, an error occurred; • com.cisco.app.ApplicationInterruptedException: (caught java.lang.InterruptedException caught) if the dialog object was interrupted, with message: "Generic Recognition: Dialog Object was interrupted"; • com.cisco.wfapi.WFExecutionException: if recognition result invalid, with message: "Generic Recognition: Result after invoke is not an instance of RecognitionDialog.Result."; • com.cisco.wfapi.WFExecutionException: if a java.lang.Exception is caught.

<p>Media</p>		<p>Get Recognition Result Info</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: (caught java.lang.Exception, rethrown as com.cisco.wfapi.WFExecutionException) if an exception occurs while getting the context from the task; • com.cisco.wfapi.WFExecutionException: if the result name expression evaluates to a zero-length string, with message: "Invalid Runtime Parameters, result name not defined."; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the result index expression, with message: " GetRecoResultInfoStep: Result index expression evaluation error."; • com.cisco.wfapi.WFExecutionException: if the result index is -1, with message: "Get Recognition Result Info: Result Index value is -1, which is not allowed"; • com.cisco.wfapi.WFExecutionException: if the result set does not contain the specified name, with message: "No result found for: (...) in private context"; • com.cisco.wfapi.WFExecutionException: if the result object is not an instance of RecognitionDialog.Result (probably meaning an error happened while type casting), with message: "Object obtained from the private context for resultName: (...),is not of type RecognitionDialog.Result"; • com.cisco.wfapi.WFExecutionException: (caught java.lang.Exception, rethrown as com.cisco.wfapi.WFExecutionException) if an exception occurs while looking up the specified name in the result set; • com.cisco.wfapi.WFExecutionException: if an error occurs while assigning the result to the specified variable, with message: "Get Recognition Result Info: unable to set the variable with the value returned from the result.".
<p>Media</p>		<p>Get Recognition Interpretation</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.wfapi.WFExecutionException: (caught java.lang.Exception, rethrown as com.cisco.wfapi.WFExecutionException) if an exception occurs while getting the context from the task; • com.cisco.wfapi.WFExecutionException: if the result name expression evaluates to a zero-length string, with message: "Invalid Runtime Parameters, result name not defined."; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the result index expression, with message: "Get Recognition Interpretation: Result Index expression evaluation error."; • com.cisco.wfapi.WFExecutionException: if the result index is -1, with message: "Get Recognition Interpretation: Result Index value is -1, which is not allowed"; • com.cisco.expression.ExpressionException: if an error occurs while evaluating the interpretation index expression, with message: "Get Recognition Interpretation: interpretation Index expression evaluation error."; • com.cisco.wfapi.WFExecutionException: if the interpretation index is -1, with message: "Get Recognition Interpretation: Interpretation Index value is -1, which is not allowed"; • com.cisco.wfapi.WFExecutionException: if there's no result wit the specified name, with message: "No result found for: (...) in private context"; • com.cisco.wfapi.WFExecutionException: if the result object is not an instance of RecognitionDialog.Result (probably meaning an error happened while type casting), with message: "Object obtained from the private context for resultName: (...),is not of type RecognitionDialog.Result"; • com.cisco.wfapi.WFExecutionException: (caught java.lang.Exception, rethrown as com.cisco.wfapi.WFExecutionException) if an exception occurs while looking up the specified name in the result set; • com.cisco.wfapi.WFExecutionException: if the interpretation object evaluates to null, with message: "Get Recognition Interpretation: Got a null interpretation object from the recognition result."; • com.cisco.expression.ExpressionException: if an error occured while assigning the result to a specified variable, with message: "Get Recognition Interpretation: unable to set the variable with the value returned from the result.".
<p>Prompt</p>		<p>Create Conditional Prompt</p>	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> • com.cisco.expression.ExpressionException: if an error occurs while evaluating the expression of truePrompt and falsePrompt, or, while assigning the value to the prompt variable.

Prompt		Create Container Prompt	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: if an error occurs while evaluating the override Locale expression, or, while assigning the value of the prompt variable.
Prompt		Create Generated Prompt	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: if an error occurs while evaluating the argument values or while evaluating the override locale expression; com.cisco.wfapi.WFExecutionException: caught <code>java.lang.Exception</code>, rethrown as <code>com.cisco.wfapi.WFExecutionException</code> if an unhandled exception occurw which is not an instance of <code>com.cisco.wfapi.WFExecutionException</code>.
Prompt		Create Language Prompt	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: if an error occurs while assigning the prompt variable value.
Prompt		Create TTS Prompt	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: if an error occurs while evaluating the override Locale expression or the text input expression; com.cisco.wfapi.WFExecutionException: if the input type is not null and is not an instance of <code>Document</code> (<code>com.cisco.doc.Document</code>) or <code>String</code>, with message "invalid input type"; com.cisco.expression.ExpressionException: thrown by other methods inside the execute method, while expression evaluation/assignment.
Prompt		Upload Prompt	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: while expression evaluation/assignment. <p>The script will continue in most cases, since all other exceptions (<code>com.cisco.file.FileExistException</code>, <code>java.io.IOException</code>, <code>java.lang.SecurityException</code>, <code>java.lang.Exception</code>) are handled internally, leading to the "Unsuccessful" or "Exist" branches.</p>
Trigger		Get Trigger Info	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: while expression evaluation/assignment.
Trigger		Trigger Application	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: while expression evaluation/assignment. <p>There are other exceptions, handled internally (<code>com.cisco.wfapi.WFException</code>, <code>com.cisco.app.ApplicationTimeoutException</code>, <code>com.cisco.app.ApplicationMaxSessionsException</code>, <code>com.cisco.app.ApplicationDisabledException</code>, <code>com.cisco.app.InvalidApplicationException</code>, <code>com.cisco.app.ApplicationNotFoundException</code>) that lead to specific exits. Any other exception, for instance, <code>com.cisco.contact.ContactInactiveException</code> is caught, and handled as <code>com.cisco.wfapi.WFException</code> is a superclass to almost all exceptions.</p>

User		Authenticate User	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: user with the specified userID is not available. <p>If, for instance, the user does exist but the authentication process is unsuccessful, a UserException is thrown but it is internally handled and the script will continue using the step's "Unsuccessful" branch.</p>
User		Get User	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.wfapi.WFExecutionException: invalid search criteria or other exception caught while searching the datastore for user. <p>If the user is not found or multiple users were found, the script will continue using the step's "Unsuccessful" branch.</p>
User		Get User Info	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: if an error occurs while evaluating various expressions; com.cisco.wfapi.WFExecutionException: if the user name variable is not valid, or is null, or if it's not an instance of a com.cisco.user.User object.
User		Set User Info	<p>com.cisco.wfapi.WFExecutionException:</p> <ul style="list-style-type: none"> com.cisco.expression.ExpressionException: if an error occurs while evaluating various expressions. <p>If the user is not found or an error occurred while searching the datastore for the user or the type of the user ID variable is wrong or the spoken name document was specified and was null then the script continues using the step's "Unsuccessful" branch.</p>

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