

Nintex Workflow 2007 Release Notes

As at product version 1.12.1 – 22nd August 2011

Version update instructions:

Note: The update process causes IIS to restart on each front end server, causing a short outage.

You will not be able to upgrade without a valid Software Assurance or Premium Support contract in place.

To check if you are covered, please go to SharePoint Central Administration, locate the Nintex Workflow Management section and click "Licensing". If the Software Assurance or Premium Support expiry date is in the future, you will be able to upgrade.

1. Login to the server as a SharePoint administrator with sufficient privileges to deploy solutions and features. Navigate to Add/Remove programs on the server hosting Nintex Workflow 2007 and remove Nintex Workflow (this does not affect the product's functionality). **Note:** DO NOT RETRACT the Nintex Workflow SOLUTION via SharePoint administration. It is not required, and will disrupt users currently using the product.

2. Now double click and install the new MSI, choosing 'Yes' when prompted to add the solution now. The installer will attempt to upgrade the solution in SharePoint.

3. After installation you will be directed to the SharePoint solution management page. Refresh the page until the solution is listed as "Deployed".

If the page lists the solution as "Deploying" with a timestamp, refresh the page until the solution is listed as "Deployed". If the page says "Service Unavailable", then IIS is restarting. Refresh the page until it displays.

4. In some cases the Nintex Workflow 2007 solution may appear with an Error next to it. This indicates that the Solution package upgrade has failed.

To resolve: Click on the Nintex Workflow 2007 solution and from the toolbar click to deploy the solution. In most cases this resolves the error and the solution should be flagged as deployed. If not, you will need to reset IIS (start->run->iisreset) before clicking to deploy the solution. Resetting IIS resolves this issue as it releases all locks on the application files. After deploying manually, do an iisreset on each front end server.

5. With some updates a database update may be made (we will make you aware of these below). Go to "Central Administration -> Application Management ->Nintex Workflow -> Database Setup". If a database update is available it will be indicated in green with an option to "Update now" (a hyperlink).

6. When new workflow actions are available it is necessary to add these as allowed actions on your server. In "Central Administration -> Application Management ->Nintex Workflow -> Manage allowed actions" check to enable or disable actions as required.

7. **Restart the "Windows SharePoint Services Timer" and RESET IIS on all SharePoint farm servers** by opening the Start menu, selecting 'Run', typing 'Services.msc' and right clicking and choosing "Restart" on the entry for that service.

8. **Extra step when updating from a build earlier than 10900 to 10900 or later:** Run the following stsadm.exe command to enable the Nintex Workflow web parts to be used in sites:

```
stsadm -o installfeature -n nintexworkflowwebparts
```

You can now activate the 'Nintex Workflow 2007 Web Parts' feature in Site Collections where you want to allow the web parts to be used.

If you have the Nintex Workflow 2007 Enterprise solution deployed, run the following stsadm.exe command to enable the Nintex Workflow reporting web parts to be used in sites:

```
stsadm -o installfeature -n nintexworkflowenterprisewebparts
```

You can now activate the 'Nintex Workflow 2007 Reporting Web Parts' feature in Site Collections where you want to allow the web parts to be used.

Note: Pages that already have the web parts displaying will be unaffected. However, you cannot add new instances of the web parts until the web part feature is installed and activated on the site collection.

After any update, we recommend clearing the temporary files stored by your browser so that cached JavaScript files are not used and previous errors continue occurring.

Product version: 1.12.1
Build number: 11201
Database version: 1.0.4.0
Release date: 22nd August 2011

Note: If upgrading to Nintex Workflow 2010 from this version, Nintex Workflow 2010 v2.2.2.7 or higher is required.

Bug fixes

- Fixed an incompatibility in the 'start workflow' action when upgrading from 1.11.1 or earlier.

Product version: 1.12.0
Build number: 11200
Database version: 1.0.4.0
Release date: 1st August 2011

Note: If upgrading to Nintex Workflow 2010 from this version, Nintex Workflow 2010 v2.2.2.1 or higher is required.

Feature

- Added the ability to set permissions on workflow constants.
- Added the ability to set before and after permissions for approvers to the item (including delegation scenarios).
- Added the ability to configure reminders and escalation within the 'Request data' action.
- Expanded the ability to configure the recipients of error and cancellation notifications.
- Added a management page to purge workflow data.

Enhancements

- The 'Start workflow' action now has an option to only start the target workflow if it is not already running.
- Added additional navigation options to the 'Create site' action.
- Enhanced the 'Create list' action with the ability to add to the Quick launch menu.
- Added a 'Remove by value' option to the 'Collection operation' action.
- Added an option to the 'Query list' action to specify recursive searching.

NWAdmin

- Changed the DeployWorkflow command to use the credentials of the logged in user if the username and password are not provided.
- Added the ability to filter by site collection in the PurgeWorkflowData command.
- Added an option to help determine if a workflow content database is still in use after a NWAdmin -o MoveData command has been run.
- Added a -silent option to the PurgeData and PurgeHistoryListData commands to stop them prompting for confirmation.

Developer

- Fixed an issue where the icons in the ErrorHandlerPanel.ascx did not display correctly in third party action dialogs.
- Added an NWAdmin command to depreciate an activity class and have the workflow designer replace it with a newer version.

Bug fixes

- Fixed an issue where action configuration dialogs would not work correctly after the June 2011 Cumulative Update for SharePoint was applied.
- Fixed an issue where a variable containing the name of a SharePoint group and if there was a user or group in AD with the same name, it would always resolve to the user or group in AD when used in an action even when no "domain" was specified. This meant there was no way of dynamically referencing the SharePoint group. Note this is a change in behaviour: workflows currently referencing a domain user or group without the "domain" will now resolve to a SharePoint group if there is an exact match.
- Fixed an issue where the modified date did not display for workflows that were only saved and not published.
- Fixed an issue in the 'Create appointment' and 'Create task' Exchange actions where using XML reserved characters in the input fields would cause a script error.

- Fixed an issue where workflow variables were not cleared when a workflow was imported, resulting in both variables from the original workflow and the imported workflow being listed in the variables screen.
- Fixed an issue where condition operators were not filtered according to the attribute data type in the 'Query CRM' action.
- Fixed an issue with the 'Request data' action where changing the 'required' option for an existing content type field would not take affect when the workflow was published.
- Fixed an issue where action configuration dialogs with a rich text editor would cause a script error when using Internet Explorer 64bit.
- Fixed an issue where some characters that were invalid for state names in the 'State machine' action could be used, which resulted in an error.
- Fixed an issue with the 'Assign todo task' action where the reminders section did not respond to the 'Enforce message header and footer' option in Global Settings.
- Fixed an issue where importing a workflow could cause all the drop zones to disappear.
- Fixed an issue where the 'Is blank' and 'Is not blank' conditions in 'Set a condition' would cause script errors in a Japanese language environment.
- Fixed an issue on the task response page where a multi choice field in the item properties would not display correctly if the items contained UTF-8 characters.
- Fixed an issue where the 'Update user profile' action could not correctly set multi value user profile fields.
- Fixed an issue where a Flexi task response page that contained outcomes that required comments and outcomes where comments are optional could get into a state where the page would not submit.
- Fixed an issue where the 'Plain text' option on the message templates page would not save correctly, causing it to revert back to 'Rich Text' when returning to the page.
- Fixed an issue where the execution time of workflow schedules could change by an hour after day light saving changes.
- Fixed an issue where submitting a Flexi Task form would result in an error page if no outcome was selected and the outcomes had description text associated with them.
- Fixed an issue where the 'Query list' action could fail when querying the 'URL Path' of a document library.
- Fixed an issue where renaming states in certain sequences in the 'State machine' action could incorrectly cause an extra state to be created in the designer.
- Fixed an issue where Date / Time values used in a workflow could display incorrectly if the initiator's regional settings differed from the regional settings of the site.
- Fixed an issue where workflow task items created from Nintex Workflow 2007 build 10827 or earlier showed an error page after upgrading to a more recent build when users attempted to respond.
- Fixed an issue where a 'Request data' action configured with an optional 'Lookup' field would fail at run time if no value was provided to the field by the user responding to the task.
- Fixed an issue with the 'Update CRM' action where a customer entity could not be assigned to a contact field if the contact field previously contained an account entity.
- Fixed an issue where the CRM update and create operations fail for complex CRM property types.
- Fixed an issue where a 'Request data' action would cause a workflow to fail to open if the content type it was configured with; included a lookup field to a list that has been deleted.
- Fixed an issue where the logic to automatically determine which workflow content database to use was incorrect.
- Fixed an issue where a schedule could incorrectly calculate its next run time.
- Fixed an issue where a variable could be deleted even if it was used in the error handling panel of an action.
- Fixed an issue where the 'Copy to SharePoint' action would create a new file even if 'Update existing' was selected as the 'overwrite existing file' option.

- Fixed an issue with the site tree view on the 'Create site', 'Delete site' and 'Create list' where it displayed sites the user did not have access to.
- Fixed an issue in 'Create site collection' where the e-mail address and display name of the primary and secondary administrator was not set in the new site collection.
- Fixed an issue with the Japanese translation for 'second' in report web parts.
- Fixed an issue in the report web part where a people picker filter displayed on the page would cause a script error if the June 2011 Cumulative Update for SharePoint is installed.
- Fixed an issue where a 'Set item permission' action configured to set permissions for a user that has been deleted from AD could cause a recursive error message.
- Fixed various issues with the 'Save as template' dialog, including where in some circumstances validation was not being performed correctly allowing templates to be saved without mandatory fields and where the wrong list of categories for the current language was displayed.
- Fixed an issue where the 'Set item permissions' action could fail if the input consisted of a variable that contained a combination of users and SharePoint groups.

Product version: 1.11.1

Build number: 11101

Database version: 1.0.3.9

Release date: 29th September 2010

Enhancements

- Added the support for hashed license keys

Bug fixes

- Fixed an issue with the nwadmin MoveData command where a 'Flexi Task' or 'Todo Task' with automatic task completion configured for escalation may fail after the workflow data for a site collection is migrated to another content database

Product version: 1.11.0
Build number: 11100
Database version: 1.0.3.9
Release date: 14th September 2010

Please ensure you update the database version in SharePoint Central Administration.

Features

- Added the ability to increase or decrease the zoom level in the workflow designer canvas.
- Added the ability to preview and print the workflow design.
- Added additional NWAdmin command to move workflow database data.
- New Action: Query CRM Records.
- New Action: Create CRM Records.
- New Action: Update CRM Records.
- New Action: Delete CRM Records.
- New Action: Get Meeting Suggestions.

Enhancements

- Improved the performance of the People Picker control with large or remote Active Directories.
- Provision Mailbox workflow action now supports Exchange 2010.
- Improved some error messages with additional context information.
- Enhanced the ability to configure the links on the My Workflow Tasks web part.
- Updated the 'From' functionality in some workflow actions to allow domain groups to be specified.
- Added the ability to specify encoding for SMS and Plain Text emails.
- Added the error handling UI control to the Update User Profile and Read User Profile actions.
- Updated the Update AD account action to accept distinguished name for the manager field.
- Enhanced the Copy to Fileshare action to support larger file sizes.
- Added an output to the Submit Record action to optionally capture more information message into a variable.

NWAdmin.exe

- Fixed an issue with the deployworkflow command where older import files would not deploy in some circumstances.
- Fixed an issue with the export workflow command where workflows containing a flexi task could not be imported.
- Added a command to resolve site, web and list ids.

Developer

- Updated the HumanTaskLogInfo class available from the GetWorkflowHistory web service method to populate a UserActionDate property to show when a user responded to a task or delegated at ask.
- Added a web service method to add a long term task delegation rule.

Bug fixes

- Filtered out 'action id' workflow variables from condition dialogs.
- Fixed dispose errors reported by SPDisposeChecker.
- Fixed an issue with Request Data LazyApproval responses from Gmail.
- Fixed an issue where My Workflow Tasks and Workflows I've Started web parts would time out.

- Fixed an issue where Query BDC action only supported wildcard filters to include a greater range of filter types.
- Fixed an issue where the 'Detailed Workflow History' page would error in a Meeting Workspace.
- Fixed an issue with the 'My Workflow Tasks' and 'Workflows I've Started' where tasks on Wiki Libraries were not displayed.
- Fixed an issue with the Query LDAP action to return an objectGUID correctly.
- Fixed an issue where deleting a Flexi Task branch would cause the workflow to appear to run the wrong branch in some circumstances.
- Fixed an issue with importing a Request Data action that references a Lookup field that's not already created.
- Fixed an issue with the Query List action where some fields are missing.
- Fixed an issue with exporting switch actions when 'other' branch is enabled.
- Fixed an issue in scheduling where if an item does not exist, additional schedules are not processed.
- Fixed an issue where the update AD account action cannot set the account expiry.
- Fixed an issue when showing a particular condition configuration (Japanese version).
- Fixed an issue with the LazyApproval feature in Request Data action (Spanish version).
- Fixed an issue where the Flexi Task 'no longer required' emails don't always replace workflow variables.
- Fixed an issue with the Send/Receive BizTalk actions when variables and constants have the same names.
- Fixed an issue with the Flexi Task where if no outcome is set and the workflow is saved, the next time the workflow is opened, it causes rendering issues.
- Fixed an issue with the Submit Record action where the context data was not being replaced at run time.
- Fixed an issue where the Flexi Task escalation delegation emails did not replace variables at run time.
- Fixed an issue where assigning tasks to groups that have the same name in AD and SharePoint may use the wrong group at run time.
- Fixed an issue where SharePoint groups with '&' in their name causes the people editor show a script error.
- Fixed an issue where the Assign To field disappears when switching between Editor Modes in Create Task and Create Appointment actions.
- Fixed an issue where a workflow with the Add User to AD group action adds a user to a group which it is already in, the workflow will fail and will not continue any further.
- Fixed an issue where an error occurs if the Create Appointment action is not fully configured when the workflow is saved.
- Fixed an issue where the Request Data task page will show a script error in some circumstances.
- Fixed an issue with inline function {TextStart}{TextEnd} where they will not evaluate correctly if they're not placed at the start and the end of the parameter.
- Fixed an issue where removing CC users from a notification did not always remove them.
- Fixed an issue with TerminateWorkflowByName web service method when using absolute URLs.

Product version: 1.10.4
Build number: 11004
Database version: 1.0.3.7
Release date: 17th March 2010

Please ensure you update the database version in SharePoint Central Administration.

Enhancements

- Increased the delegation comments field to 1024 characters.
- Increased the approver comments length to 4000 characters.
- Added a global setting to define the permissions required to view workflow statistics.
- Updated the Approver Performance report to incorporate Flexi-task outcomes.
- Modified the fn-substring inline function to not fail if the length parameter was longer than the length of the input string.
- Added an option to the Execute SQL action to not escape inserted references.
- Added a 'from' parameter to the task reminder action.
- Added an option to the workflow designer to publish without validation to improve the publishing performance of large workflows.

NWAdmin.exe

- Fixed an issue where the EnumSchedules operation would fail if a list item with a defined NW schedule was deleted.
- Improved performance and capabilities of the PurgeHistoryListData command.

SDK

- Added methods to the Nintex Workflow web service to determine if a workflow task is currently locked.

Bug fixes

- Fixed an issue where the detailed history view would incorrectly show 'state' action messages.
- Fixed an issue where a URL field containing a comma was incorrectly replaced at runtime.
- Fixed an issue where a state machine action could become corrupt when renaming states with particular titles.
- Fixed an issue where exporting workflows from the workflow gallery did not include actions that were set to 'hide from workflow status'.
- Fixed an issue where the workflow statistics page displayed an error when accessed via particular links.
- Fixed an issue where circular references in long term delegation could occur.
- Fixed an issue where numeric fields did not accept decimal values.
- Fixed an issue where the Query XML action did not handle non-English characters.
- Fixed an issue with the approver performance statistics report.
- Fixed an issue where the automatic purging of verbose logging data would timeout.
- Fixed an issue where the start and end icons were switched in the Arabic version.
- Fixed an issue where workflow error notifications would not be sent if the workflow initiator had no email address.
- Fixed an issue where a WSDL definition with inline comments caused the call web service action to fail.
- Fixed an issue where workflows exported via the web service containing switch actions did not publish.
- Fixed an issue where the LazyApproval feature did not function correctly for the Request Data action in non-English sites.

- Fixed an issue where retrieving the value of a multi-select choice field would fail in some circumstances.
- Fixed an issue where the Update item action did not display a not configured warning message when initially dragged onto the designer.
- Fixed an issue where copying user fields via the Copy To SharePoint action did not work across site collections.
- Fixed an issue when assigning a task to an email address which belonged to a security group.
- Fixed an issue with newline characters in inline functions.
- Fixed an issue importing workflows that contained a Flexi-task action with no branches.
- Fixed an issue where users that did not have access to the item in workflow could not respond to workflow tasks associated with that item.
- Fixed an issue with the Chart Viewer web part where the chart would fail to render if the site url contains a space.
- Fixed an issue with the text editor used in configuration dialogs where unwanted newline characters would appear in plain text mode.
- Fixed an issue with the Exchange actions where context tokens were not replaced in the URL field at run time.

Product version: 1.10.3
Build number: 11003
Database version: 1.0.3.6
Release date: 14th January 2010

Please ensure you update the database version in SharePoint Central Administration.

Translations

- Added Japanese translation to the international release.

Bug fixes

- Fixed an issue where the 'For each' action would error if the result variable was not a string.
- Fixed an issue where an exported workflow with an 'Assign a Flexi task' action configured with no branches would not import.