

Perceptive Process

Release Notes

Version: 4.9.x

Written by: Product Knowledge, R&D

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Perceptive Process 4.9.x Release Notes

This document provides an overview of the changes in Perceptive Process version 4.9.x.

New features	Introduces the new functionality available in Perceptive Process version 4.9.x.
Enhancements	Provides an overview of the enhancements made to existing features in Perceptive Process version 4.9.x.
Updates	Provides an overview of the issues that have been resolved in Perceptive Process version 4.9.x.
Supported platforms	Provides an overview of the changes to the platforms that are supported in Perceptive Process version 4.9.x.

Perceptive Process Product Information is updated with every release. This Product Documentation includes the Product Guide, Installation and Setup Guide, and Technical Specifications.

Upgrade

You can easily upgrade from Perceptive Process version 4.x.y to Perceptive Process version 4.9.x.

It is not possible to upgrade directly from a version before Perceptive Process 4.0. An upgrade to Perceptive Process version 4.0.x, 4.1.x or 4.2.x is required before upgrading to Perceptive Process version 4.9.x.

If you are upgrading from a version before Perceptive Process 4.8.x, we recommend you read the release notes for the intermediate versions.

Perceptive Process 4.9.0 – November 2022

The following new features, enhancements, updates, and changes to supported platforms are included in Perceptive Process version 4.9.0.

New features

General

- The interface between client and server for the **Configuration** and the **System administration** functionality has been converted from the proprietary FHS interface to a RESTful interface. This improves the security and the permission checking for this functionality. In this release, the new RESTful interface is not published.

Portal

- The portal TABs started from **Worklists**, **Configuration**, **Administration** and **System administration** all have a status bar at the bottom. This status bar may show a status icon, a status message and the elapsed time for the last round trip from the client to the server. Additionally, a refresh meter may be shown between the status message and the elapsed time. This refresh meter shows the amount of time left before the next automatic refresh will take place.
- The menu entries inside **Worklists**, **Configuration**, **Administration** and **System administration** are now sorted based on the user's sorting type (none / alphabetically / numerically) and user's sorting order (ascending / descending). When the user's sorting type is alphabetically, the user's language setting is now taken into account.
- The left-hand portal menu is now only showing a limited number of entries when the server is in restricted mode:
 - The Users sub menu entry for every context
 - The Licenses sub menu in System Administration
 - The Log files sub menu in System Administration

Once the server returns to normal mode, the full left-hand portal menu will be shown again.

Enhancements

Server

- The database consistency checker now checks presence of a customer table used for an archive of type DB. When the table is not found, it is flagged as an error. When the table is found, the table is checked for the presence of all required columns and their type.
- The RMS log levels 20 (AND) and 60 (SSL) have been extended with the possibility to log the IP address and the HTTP request verb when setting up a new connection to one of the WFDP processes.
- The error logging related to creating new cases and opening existing cases has been improved.

Portal

- The functionality of the existing worklist property `CGCloseRefresh` is restored. When this property is set to `true` the worklist will automatically refresh after a case, started from this worklist, is closed.

- The client JAR file for CFM, i.e. *client/jar/flowcfm.jar*, is no longer delivered and is therefore no longer added to the list of JAR file to be loaded when an applet is started.
- The **Archives** portal TAB grid shows the number of Case Types and the number of Document classes using the archive.
The Classes button has been replaced by two buttons, one for the Case Types and one for the Document classes.
- The **Document classes** portal TAB contains two new buttons, Applications and Template.
The new Applications dialog allows an administrator to work with the document class applications.
The new Template dialog allows an administrator to work with the document class template.
The existing Properties dialog allows an administrator the change the document class description.
- The **Projects** portal TAB grid now only shows the defined projects. A new Trigger dialog has been added to show the defined triggers for a selected project.
- The **Database consistency** portal TAB has been extended with a setting for a refresh meter.
- The **Log files** portal TAB has been extended with a setting for a refresh meter.
- The log file viewer has been extended with a setting for a refresh meter. If it is set to Yes and an automatic refresh is started, the status bar will show a countdown refresh meter. The refresh meter will indicate the time left before the next automatic refresh will occur.
- The worklist interface definition dialog has been redesigned. It now shows two tabs, one for the server-side definitions (functional) and one for the client-side definitions (visual).
- The worklist interface definition dialog for the client-side has been extended with a setting for a refresh meter.
- The worklist run-time will show a refresh meter when a value greater than 0 for the refresh meter is defined and a value greater than 0 is defined for the refresh interval.
- The various file import dialogs have been made consistent. That is, they all share the same look & feel.
- The top bar in the portal now may display an error message when web sockets cannot be created or cannot be used.

Updates

Server

- Resolved an issue where the database consistency checker would flag an archive as non-unique when the archive name's difference only existed in case sensitivity.
- Resolved an issue where the database consistency checker would not flag a template name as non-unique when the template name was already used for a worklist template.
- Resolved an issue where the database consistency checker would not flag a worklist template name as non-unique when the query template name was already used for a template.
- Resolved an issue where a license file could not be uploaded to the server, neither for append nor for replace, when the existing *licence.key* file was READ-ONLY.
- Resolved an issue where the FLOWD process was locked during several seconds when statistics were requested.
- Resolved an issue where a stackdump for a crashing process on Linux was not created.
- Resolved an issue where an exported Process Model could not be imported.
- Resolved an issue where a review Process Model could not be imported.

- Resolved an issue where an exported Sub Process could not be imported.
- Resolved an issue where an exported Indicator Model could not be imported.
- Resolved an issue where error and warning messages were not written to log files when handling a PRM file.
- Resolved an issue where a web socket connection was not properly closed and remained as a dormant connection.
- Resolved several memory leaks.

Installation

- Resolved an issue where the version number may not be updated in the Windows registry.
- Resolved an issue where READ-ONLY files were not correctly preserved during an upgrade.

Portal

- Resolved an issue where a value for the standard distribution aspect **&status** could not be set.
- Resolved an issue where the profile buttons remained disabled when working in a sub-context.
- Resolved an issue where the toolbar buttons in a worklist were not disabled and enabled correctly.
- Resolved an issue where the automatic refresh of a worklist was not stopped when an invalid value for a parameter was entered.
- Resolved an issue where an installed E-mail client could not be found.
- Resolved an issue where an unclear error message ("cannot load undefined") was displayed on a failing file import.
- Resolved an issue where an EXCLUDE IF NO SET parameter could be selected as a sort by parameter in a worklist.
- Resolved an issue where logging through SSO would repeatedly redirect browser pages.
- Resolved an issue where a timeout exceeded message would be displayed when downloading a file from the Explorer or from Reports.
- Resolved an issue where worklists could not be used when using SSO and the SSO server is a different server than the Perceptive Process server.
- Resolved an issue where error and warning messages were not written to log files when sending an E-mail.
- Resolved an issue where error and warning messages were not written to log files when working with the Case Type designer.

Removed functionality

Portal

- The RSS components have been removed.

Supported platforms

No major changes have been made to the supported platforms.

A complete overview of the current supported platforms is available in the *Perceptive Process Technical Specifications*. If you have any questions about the supported platforms, contact Hyland Technical Support.