Perceptive Process

Release Notes

Version: 3.8.x

Written by: Product Knowledge, R&D
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Lexmark™ Enterprise Software

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Perceptive Process 3.8.x Release Notes

This document provides an overview of the changes in Perceptive Process (Perceptive Process Enterprise, Perceptive Process Design, and Perceptive Process Design Personal), version 3.8.x.

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- **Enhancements** provides an overview of the enhancements made to existing features.
- **Updates** provides an overview of the issues that have been resolved in Perceptive Process, version 3.8.x.
- **Supported platforms** provides an overview of the changes to the platforms that are supported in Perceptive Process, version 3.8.x.

Perceptive Process Product Help is updated with every release. In addition, you can go to the Customer Portal on the Enterprise Software website to view Product Documentation for a particular version. This Product Documentation includes the Product Guides for Perceptive Process Design, Perceptive Process Enterprise, and Perceptive Process Server, Installation and Setup Guides, and Technical Specifications.

Upgrade

You can easily upgrade any version of BPMone and Perceptive Process to Perceptive Process, version 3.8.x.

- If you are upgrading from a version before Perceptive Process 3.7, we recommend you read the release notes for the intermediate versions.
- If you are upgrading from Protos Personal 8, contact Enterprise Software Support.
- If you are upgrading from Protos Enterprise 8, contact your account executive or Enterprise Software Support. We advise you to have one of our installation consultants perform the upgrade.

Perceptive Process 3.8.1 – November 2018

This is a hotfix release, fixing two issues. The hotfix release is delivered as a ZIP file. Inside the ZIP is a README file that explains how to install this hotfix.

NOTE

As this is a hotfix, it is **not** a full release, it requires that the full 3.8.0 version is installed before this hotfix can be installed.

Updates

Server

- Resolved an issue where existing cases could not be opened after an update (keeping the version) of the case type was made.
- Resolved an issue where case storage files may not be written correctly to the database when that same case is opened in view mode at the time the case (open in update mode) is closed.

Perceptive Process 3.8.0 – April 2017

The following new features, enhancements, updates, and changes to supported platforms are included in Perceptive Process, version 3.8.0.

New features

Server

- A new module has been added, i.e StdFile, providing file property functions -- Mode(), Size() and Timestamp(). These functions may be used to retrieve a property of a file inside a defined archive.

- It is now possible to have more than one logon service defined in *config.xml*. When more than logon service is defined, all logon services should be of the same type. That is either all should have the **authenticate="only"** attribute or none should have this attribute.
  For user authentication, the defined logon services are used one after the other until the user is authenticated successfully or all have been tried (and the user authentication fails).

Case Type

- It is now possible to add a visibility hint to every plan element in a Case Type definition. This visibility hint is a Boolean expression that gives a hint to a client to show or hide the plan element.
  For the *chpcl* client new commands are introduced (LS and DIR).
  For the Java client the normal mode will honor the hint and the detailed mode will not honor the hint. When no expression is modelled for a plan element, the old behavior still applies.

Client

- It is now possible to click on an indicator on a FORM. If the form value, related to this indicator, is MANDATORY and UNCONFIRMED (indicator is a solid red and yellow square) that form value will be confirmed. This means that an UNCONFIRMED value in a COMBOBOX no longer needs to be re-selected (which was impossible) and the UNCONFIRMED value in a CHECKBOX no longer needs to be de-selected and re-selected.
  The old mechanism for CONFIRM (i.e. TAB or ENTER) still works as well.

- The CFM user interface has been enhanced further. The following changes have been implemented:
  - center all pop up dialog in the center of the main CFM window (multiple screen aware)
  - possibility to move columns in a worklist interface definition around
  - all list are presented in an alphabetical sorted order
  - extended the properties of some object, lists are replaced with trees where applicable
  - replaced the list of roles with a tree of Case Type(s) – Version(s) – Role(s) hierarchies, Case Type(s) and/or Version(s) may be selected and used in (un-)relating
  - keep selection when (un-)relating objects
  - extended the distribution parameters table with a distribution column and visual indication whether direct or indirect relation
  - changing the owner of a profile is now possible from within CFM (as it is with econf)

- improved the lists of users for selection in an application definition, as a substitute user or as a profile owner

- added a tree of contexts for selection in an application definition

- allowing to confirm or cancel an operation for an entire set instead of each individual item

- extended the list of Case Types to retract to a grid with per Case Type information

- performance improvements

Enhancements

Server

- The handling of a REDO on a node without condition or mandatory data has been improved. Now the backward progression transitions as well as the forward progression transitions are executed, this includes management information, mappings and case history.

- The demo Case Type MotorClaim now has a worklist with a marker column, showing the usage of this capability.

Client

- The coloring of a CONTAINMENT FIELD has been enhanced. Four new colors have been introduced in the Themes file:

  - a background color for CONTAINMENT FIELDS containing a case instance (to even further increase the difference between a case instance and a "real" document)

  - a foreground color (blue) for a reference that has not been opened during this session or a reference which is currently not open (case instance and a "real" document)

  - a foreground color (gray) for a reference that is currently open and is busy (i.e. clicking on the CONTAINMENT FIELD cannot be honored)

  - a foreground color (red) for a reference that is open or has been opened during this session (a link) **or** is currently open (case instance)

- It is now possible to use a *Confirm all values …* menu entry on an OPERATION ACTION and an AUTOMATIC ACTION.

- The sorting of various lists and tables in the Explorer has been enhanced:

  - text columns are now sorted in a case independent way, that is lower case 'a' will come directly after an upper case 'A' and before an upper case 'B' instead of after the upper case 'Z'

  - number columns are now sorted in a numerical way and no longer in a textual way, that is a value of 100 will come after a value of 20

  - version columns are now sorted with respect to the version semantics, that is version 2.10 will now come after version 2.9 instead of between version 2.1 and 2.2

- The import/export dialog from the Case Type editor has been enhanced. When only the import or the export folder is known, the other will be based on the known one. During import, the file name will be set based on the "*Select file …* " dialog.

- A new user setting is introduced, specifying a delay after starting an application and before the status of the document is tested. This would prevent that a document is sent back from the client to the server before an application on the client could lock the document.

- The applet loading has been revised. The various modelers/editors are no longer loaded when the Explorer page is opened. When a modeler/editor is started for the first time, this modeler/editor will be downloaded. This improves the speed of opening the Explorer page.

- The applet overview in the portal has been revised. For every loaded applet a description is added and the load time and elapsed are filled in.

- When an unsupported browser (version) is used, a warning will be displayed on both the login page and the main portal page.

- When a case is closed from the applet, the portal will attempt to locate the parent TAB (i.e. the TAB from which the case was started) and make that TAB active.

Updates

Server

- Resolved an issue with the *hist2csv* command were no column title would be generated when the –R option is used. A column title is now generated and the data will now align with the generated column titles.

- Resolved an issue where opening a case could lead to an improper evaluation of an expression and consequently an improper casting between basic types resulting in a crash.

- Resolved an issue where using a module function in an expression resulted in a Case Type that could not be released.

- Resolved an issue where an IF project without a trigger port could be released but could not be used. The absence of a trigger port is now flagged as an error during a release.

- Resolved an issue where a there was a limit on the number of return values from a capability. This limit is now removed.

- Resolved an issue where a large Process Model could not be imported on AIX. As a result, from such an import a server process would run out of memory. A large Process Model can now be imported without any problem on AIX.

- Resolved an issue where a Process Model containing drawing objects was imported on Linux or AIX would result in a Process Model with complete black drawing objects.

- Resolved an issue where retracting a Case Type could leave a record behind in the chipmodel_release table or the bpmworkflow_release table.

- Resolved an issue where the date notation in an RTF report would differ from the date notation used in the portal.

Client

- Resolved an issue where the font in the extra information in an HTML report cannot be changed with a customized CSS file. A CSS file is now correctly saved with respect to this font information.

- Resolved an issue where the font in list items (e.g. as in descriptions) in an HTML report used a different setting than the normal text.

- Resolved an issue where the information from a previously saved CSS file seemed reverted when editing that CSS file again.

- Resolved an issue where a blue selection square would be left behind after clicking on an off-page connector in an HTML report.

- Resolved an issue where the vertical splitter in an HTML report was very difficult to use. The width of this splitter has been changed from 1 pixel to 3 pixels.

- Resolved an issue where sending a Process Model including reviewer from within the Process Designer would attach a wrong file to the outgoing E-mail. The correct attachment will now be generated, containing the Process Model and the reviewer.

- Resolved an issue where opening a case would not open the correct form in *Auto Open Action* mode. The old breadth first algorithm has been replaced with a more logical depth first algorithm.

- Resolved an issue where a defined start TAB for the portal may be duplicated when the portal is refreshed. A defined start TAB is now only considered when the portal is started not when the portal is refreshed.

- Resolved an issue where dragging a role to the list of roles would create an unreferenced module.

- Resolved an issue where an empty line in a multi-line banner would not be displayed. The empty line will now be displayed and the multi-line banner will now be properly aligned vertically.

- Resolved an issue where the F1 key on a FORM control would only display the first hyperlink. Using the F1 key will now open all hyperlinks modelled in a help message.

- Resolved an issue in an HTML report where using the EMAIL button would generate an email that mentions a ProtosModel. This has been changed to ProcessModel.

- Resolved an issue where the context menus in the structure zone were not updated all the time. That could have led to a situation where a context menu in the structure became obsolete and allowed for selection of an invalid operation on a process element.

- Resolved an issue where deleting or creating a dynamic instance could lead to a partly painted structure zone.

- Resolved an issue where using *Current context* for an application definition prevented adding more application definitions.

- Resolved an issue where a lock held by a Module editor would not be released when signing out or refreshing the portal.

- Resolved an issue where set attributes on a multi plan element publish in the Case Type Designer would not be saved correctly.

- Resolved an issue where using expressions for all column names in a mapping would lead to a Case Type that could not be released.

- Resolved an issue where closing a FORM with a BUTTON while the *Auto Open Action* mode was active would not always open the next form when a dynamic or sequential instance was created.

- Resolved an issue where a FORM would flicker or a selected COMBO BOX would be closed after confirming a value.

- Resolved an issue where the information in tables was not updated after adding or deleting rows from the table.

- Resolved a memory issue which could have resulted in a heap memory message and restarting a thread.

- Resolved an issue where more than one connection may be created when using Internet Explorer to log in.

- Resolved an issue where the user preferences may be taken over from a previously signed out user instead of retrieving these from the database.

Supported platforms

- Stopped support for Java 1.6 (due to security and SHA2 signing).

- Various other updates in version numbers for browsers and Java.

As of this release, the JAR files are signed using the SHA2 algorithm. This means that the used Java version needs to support this.

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