

inubit Suite 6: Release Notes

The development of the inubit Suite 6 focused on the following priorities:

- **Support of data management and semi-structured processes**
- **Web-based modeling of business process models**
- **Improved modeling and configuration**
- **Extended generation of Technical Workflows from Business Process Diagrams**
- **Performance enhancements**
- **Extended EAI support**
- **Editor improvements**
- **Upgraded infrastructure**

The following pages provide a quick survey about new features and substantial improvements offered by the inubit Suite 6.

Support of Data Management and Semi-structured Processes (inubit Solution Center)

- **Domain modeling for describing business objects**

Business analysts can now graphically model their subject-specific models, which describe the subject-specific classes of the operational practice (so called subject-specific objects or Business Objects) and their relationships.
- **View Designer for subject-specific objects**

In the View Designer multiple views for instances of subject-specific classes can be defined. A variety of different layout templates supports this process.
- **Portlet for data management**

Using the portlet, business users can create, edit, delete and search for instances of subject-specific classes.
- **Process integration for semi-structured processes**

Allows to call up the inubit Process Engine for integrating subject-specific objects into processes. The integration renders it possible to let automated operations execute on instances of subject-specific classes.
- **Unified Task List**

The Unified Task List displays not only the classic tasks of the inubit Process Engine but also tasks based on subject-specific classes of the inubit Solution Center.

Web-based Modeling of Business Process Models (inubit WebModeler)

- **Supported diagram types**

The following diagram types can be created and edited directly in the WebModeler portlet in the inubit Enterprise Portal: Process Maps, Domain Models, Business Process Diagrams, Organization Diagrams.

- **Collaboration features**

Diagrams can be released for other portal users and portal roles for viewing, commenting or editing. Upon release, e-mail notifications can be send.

Improved Modeling and Configuration

- **Process Maps**

Process Maps are a new type of diagram, conceptually established above Business Process Diagrams. With Process Maps processes, as for example human resource or sales processes, can be placed into their operational context. In Process Maps processes can be grouped and responsibilities can be determined.

- **Syntax validation**

For Business Process Diagrams, Domain Models, Organizational Diagrams and Technical Workflows the correct usage of the respective modeling standard can be validated.

Additionally, on Business Process Diagrams so called soundness checks can be executed in order to check a Business Process Diagram's feasibility.

- **Workbench profiles**

For all diagram types, Workbench profiles can be defined. A profile consists of an individual range of elements.

Extended Generation of Technical Workflows from Business Process Diagrams

- **Directly executable business process models**

Based on Business Process Diagrams enriched with metadata, Technical Workflows which are required for executing the process can be automatically generated. This specifically applies to storing and visualizing process data in the inubit Solution Center.

- **Generating templates for Business Object Diagrams from Business Process Diagrams**

Data models can be automatically generated out of process models and be used as basis for the required data definitions (master and transaction data).

- **Incremental generation**
Using the incremental generation, Technical Workflows generated from BPDs can be adjusted and incrementally aligned with subsequent changes in the BPD. To do so, selected areas in a Technical Workflow are marked as editable. When the Technical Workflow is re-generated, changes in editable areas are preserved.
- **Extended support of patterns**
Generation supports further pattern concepts, including intermediate boundary events, ad hoc process starters, sub-processes, metadata mappings and generic splits and joins.

Performance Enhancements

- **Significant performance improvement**
The performance of the inubit Process Engine was significantly improved¹, in some scenarios up to 100%.
- **Reference workflows**
For comparing the performance of custom hardware with inubit reference values, performance test scenarios are available. The reference workflows considerably facilitate the estimation of the required hardware dimensions.

Extended EAI Support

- **Support of inubit Solution Center Tasks**
The Task Generator now also natively supports inubit Solution Center Views and thus renders it possible to display all task types within a unified task list.
- **Solution Center Connector**
The dedicated Solution Center Connector can be used for easily integrating the inubit Business Repository. Requests to the Business Repository can be configured via the connector's wizard.
- **Improved support for abstract Web Services**
The support for abstract Web Services in scenarios with asynchronous callbacks was enhanced by a wizard-driven graphical user interface which significantly increases the usability when configuring the complex mechanism.

¹ Compared to an inubit BPM-Suite 5.3 Enterprise Plus Edition.

- **Open Office Connector**
The Open Office Connector makes it possible to use files in ODT format (amongst others, Word, Excel and PowerPoint files) as templates for generating PDF and other file types. Additionally, the connector can be used as generic print server for starting print jobs out of Technical Workflows.
- **SAP Connector supports JCO 3.0**
- **OFTP 2 Connector**
For support of the OFTP 2.0 standard, the new OFTP2 Connector is available.

Editor Improvements

- **Users in multiple user groups**
Users can be assigned to multiple user groups. Changing between the user groups is possible anytime.
- **Editing modules directly in Technical Workflows**
Modules can now be edited via a module wizard directly in Technical Workflows; jumping to the Modules Editor is no longer necessary.
- **Drag'n'drop of elements on connection lines**
In Business Process Diagrams and Technical Workflows further elements can now be added simply by dragging and dropping an element on a connection line. Existing elements are moved using the auto-layouter.
- **Intelligent deletion of elements**
When deleting elements connected to other elements the connection line is preserved.
- **Improved watch mode**
The watch mode for debugging can now snap to individual instances. Instances are defined using XPath.
- **Moving diagrams between users and user groups**
Diagrams can now be moved easily between users and user groups using the context menu.
- **Renaming diagram groups**
Diagram groups can now be renamed directly.

Upgraded Infrastructure

- **Revised graphical user interface (GUI)**

The GUI of the inubit Workbench, so far named inubit Toolset, was revised in many places in order to increase its usability and productivity.
- **Updated application servers**

The application servers included in delivery are updated to the following versions: Tomcat 6, JBoss 4.2.3.
- **Support of Liferay 6**

The default portal server was updated to Liferay 6.0.5. Liferay 5.2.3 continues to be supported. Existing installations of the Liferay 6.0.5 portal server can be equipped for cooperation with the inubit Process Engine without any problems by deploying the new inubit Liferay plug-ins.
- **Support of ExtJS 3.3**

ExtJS 3.3 is delivered as default Web framework.
- **Sharepoint integration**

Direct integration into Sharepoint is now available.
- **Native external interface**

The native implementation of external interfaces facilitates the integration of external clients. The external interface allows to access tasks, users, roles and business diagrams of the inubit Process Engine.
- **Improved import and deployment protocols**
- **Deployment via the Command Line Interface (CLI)**
- **Updated and extended documentation**