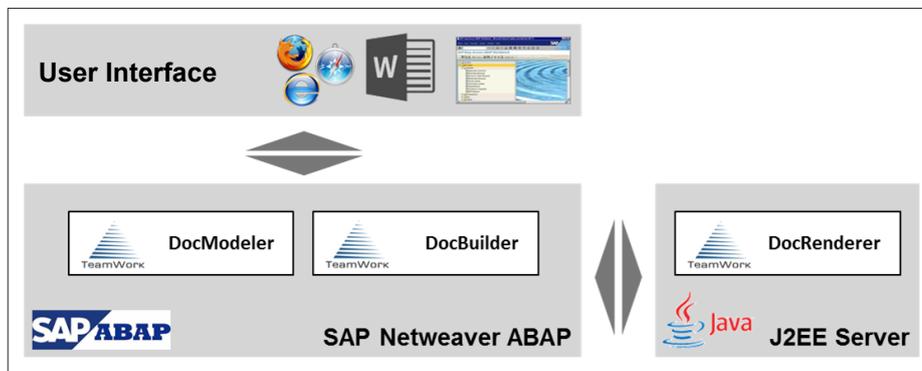


Product description

DocBuilder provides flexible form generation from SAP systems with easily accessible maintenance technology. The solution is integrated directly into the SAP system and can be put into production after a few hours of configuration work.

The customer works with the trusted tool, Microsoft Word, and the linkage to the SAP attributes occurs via the well-known functionality of mail merge fields. The solution is intelligent and can process important objects such as images, if-then tests, tables, signatures, text building blocks, different languages and forms in the standard. Output is done as desired in Word, Adobe PDF or in e-mail templates with direct integration in MS Exchange and/or an archive.

Architecture



DocBuilder - Architektur

DocBuilder - the centrepiece

DocBuilder per se - the centrepiece of the solution - is installed on the SAP Netweaver system as an add-on for SAP ABAP. The add-on is delivered in TeamWork's own namespace, so that no conflicts with the native code can occur. By means of the add-on, the data is retrieved from the SAP system or other source systems, prepared, and assigned to the document tags. DocBuilder transmits the prepared data and the template to DocRenderer as an XML file via the http(s) protocol, and saves the finished document.

DocRenderer - document preparation

The second component is DocRenderer, a Java EE servlet. From the data prepared in DocBuilder, the recipe, and the template, it generates the actual document and returns it via http(s) to DocBuilder as an XML file. DocBuilder saves the document in a document archive and/or outputs it as a Word or PDF document.

DocModeler - flexible template maintenance

DocModeler is also delivered as an add-on for SAP ABAP. It allows a department to use a web browser to maintain templates based on Microsoft Word, to define text building blocks and enrich them with additional data. In addition, DocModeler includes a Microsoft Word add-in that displays the tags that are maintained in SAP and makes it possible to easily insert them as mail merge fields.

As a user interface, DocBuilder uses the SAP GUI for providing variables in the recipe, Word for creating the templates and any web browser for administering the templates.



System requirements

In order to be able to use DocBuilder, your system must meet the following requirements:

- ◆ For installation of the ABAP add-on, the minimum release is **SAP ERP 6.0 EHP4 on SAP NetWeaver 7.02**. DocBuilder also runs on **SAP S/4HANA!**
- ◆ For the JAVA components, a J2EE compatible Server (e.g., SAP J2EE), based on **Java 1.6** or higher must also be provided.
- ◆ The application is compatible with the following **web browsers**: Internet Explorer 6+, Firefox, Safari and Google Chrome.
- ◆ The templates are created in **Microsoft Office Word** (2003 or higher); no Word installation is needed to generate the documents.

Implementation tasks

The following **configuration tasks** are required to implement DocBuilder:

- ◆ Define tags with properties and link them with the data provider(s) ("**Recipe**"). Standard recipes based on BestPractices are currently available for the following modules:
SAP HCM, SAP REFX, SAP CRM, SAP Logistics.
- ◆ Define text building blocks and document structure
- ◆ Create templates in Microsoft Word
- ◆

These tasks can be undertaken by the **department**.

To use DocBuilder outside of teamworksolutions, a provider class is developed beforehand, which transfers the data to DocBuilder. In addition, the call to DocBuilder is implemented in the software developed by the customer.

Use in other products from teamworksolutions

DocBuilder is used as a component in various other solutions from teamworksolutions, for example:

- ◆ **teamworksolutions Employment Reference**: supports the cross-organizational process of employment reference creation from standardized assessment to document filing.
- ◆ **teamworksolutions Award of Contract and Contract Management**: maps the complete life cycle of a supplier relationship from procurement to the end of the contract.
- ◆ **teamworksolutions Entry-Change-Leave**: simplifies the cross-organizational process of employee entry and departure in SAP HCM.

