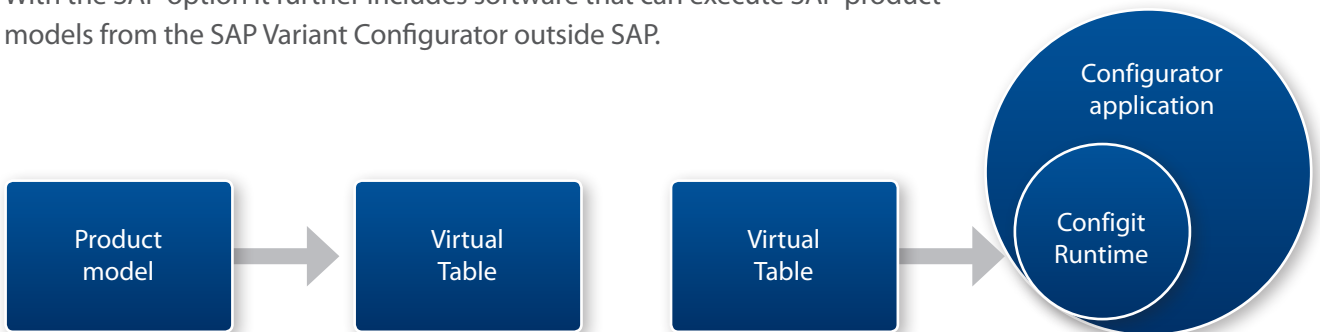


Configit SDK 5

Build customized configurator applications as online or offline solutions, standalone or integrated with other business software



Configit SDK is a Software Development Kit for building custom configurator applications. With the SAP option it further includes software that can execute SAP product models from the SAP Variant Configurator outside SAP.



Configit Runtime

The configurator applications are built on top of the Configit Runtime. The Configit Runtime reads Virtual Table® files containing complete compiled definitions of product models.

Generic applications can easily be built so that all product related information is in the Virtual Table meaning that only the data in the Virtual Table needs to be updated when there are new or modified products. The Configit Runtime provides a rich collection of features enabling easy construction of user-friendly and powerful configurators.

Virtual Tables®

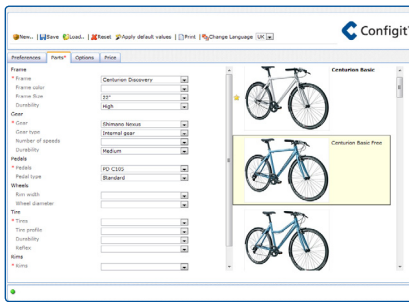
Virtual Tables are generated with the Configit Product Model Compiler either from a product model defined in the Configit Product Modeler or directly from product models from SAP LO-VC using Configit Server. Virtual Table files contain all the product related information including product structure

(variables, domains, groups, properties), product logic, calculations, pricing, textual descriptions in the defined languages, pictures and more.

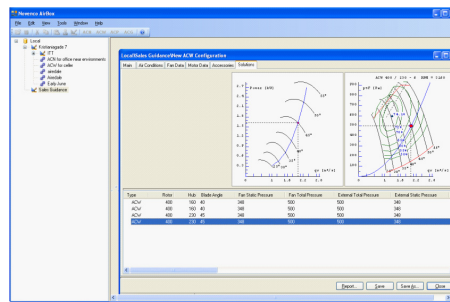
Once compiled, Virtual Tables therefore contain all relevant information for configuring the product.

Configit SDK contains the following components:

- Configit Runtime API
 - for .NET, Java, C++ and ASP.NET
- Configit SAP Runtime API (option)
- Configit Product Configurator
 - a web-based generic configurator (using Ajax).
- Configit Performance Analyzer
 - a tool for analyzing performance of Virtual Tables®
- Documentation
- A collection of sample applications with source code



Configit Product Configurator: a standard web application in Configit SDK



Customized .NET application built with Configit SDK

Configit Runtime API features

The Configit Runtime API includes a rich collection of functionality needed in accessing Virtual Tables® and providing a good user experience for a configurator user. Functions include:

- Assigning values to variables and getting all consequences computed immediately: finding consistent domains for all variables and categorizing all values as being either user assigned, system assigned, blocked, forceable or selectable. This information is driving the feedback to the user in the UI.
- Detecting whether the current configuration is complete and valid.
- Making constructive conflict resolution on conflicting choices suggesting corrective steps to the user.
- Automatically recalculating relevant functions when data changes due to user choices and system computed consequences
- Support for multi-language versions of all texts
- Support for UI contracts included in the product models. UI contracts can be used to control visibility of elements in the UI and provide links to external documents and pictures to be shown in the configurator.
- A collection of standard UI controls utilizing the API to show state of configuration to the user.

Benefits

- Rapid development of powerful, user-friendly applications. Development time typically less than one man-month for a complete, standalone application ready to be deployed.
- Easy maintenance since applications are generic so changes in product offerings do not affect the application.
- Predictable performance due to the compilation of the full solution space of the product models.
- Easy to make several configurator applications working on multiple platforms on the same product data. For instance, a web-based application for supporting on-line self-service sales and a PC-based for internal offline sales.

System requirements

For development:

- A PC with Microsoft Windows (NT, 2000, XP, Vista, 7, Server 2003, Server 2008, 32- or 64-bits versions) and relevant software development tools (Visual Studio, Eclipse or similar).

For deployment of the developed application:

- as .NET application: .NET 2.0 or later
- as C++ application: Windows OS, other platforms can be delivered on request
- as ASP.NET application: .NET 2.0 or later and Microsoft Internet Information Server 6.0 or later
- as Java application: Java Runtime 1.6 or later on any platform



Configit SDK is based on Configit's patented Virtual Tabulation™ technology. With a unique compiler based on more than 10 years of research on how to efficiently solve large constraint systems, it solves the difficult part of the configuration problem only once whereas alternative approaches solve it over and over again at runtime.

Configit SDK can be used with the other Configit products:

- Configit Product Modeler, for building product models from scratch or by adding elements to available product data from other systems.
- Configit Server, for extracting and deploying product models from SAP and other ERP systems.
- Configit Quote, a quoting application for the mobile sales force.

Configit SDK is available directly from Configit or any of our partners. Please visit our website or contact sales@configit.com for further information.

Configit, Configit product names, Virtual Tables, and Virtual Tabulation are trademarks of Configit.

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