



The services integration platform

UltraIntegration is a platform for the **integration of different applications and systems**. It can integrate applications developed with **UltraCore** to each other, applications developed with **UltraCore** with foreign applications and foreign applications to each other.

UltraIntegration is based on Enterprise Service Bus (ESB) technology and relies on messaging and events. It allows for the integration of applications without any programming effort.

In **UltraIntegration**, all the Use Cases¹ of any available **UltraCore**-based application are automatically registered as generic events. These events also provide the application-specific data in a generic form (unified data model) so that it can directly be reused in other applications.

By complying with the unified data model, the data and the functions of the application can be mapped dynamically to any available interface/protocol. The standard application model is based on the Java Business Integration (JBI) specification.

Example: In an **UltraCore** application a user is created. It is possible to select this event, map the user data to an e-mail and route it to a foreign application that automatically sends an e-mail to the system administrator.

UltraCore-based applications automatically expose all their Use Cases to **UltraIntegration** in form of generic events, while foreign applications have to explicitly externalize their services as events.

The **key benefits** of **UltraIntegration** are:

- **Automatic exposure of data and services of UltraCore-based applications to the integration platform**

Exposing the services and the data of an application by registering them one-by-one in the integration platform is a maintenance-intensive and error prone process. **UltraIntegration** manages this automatically for you as far as **UltraCore**-based applications are concerned. In this way, the error-free integration of **UltraCore**-based applications to each other is a matter of minutes. Also the integration of **UltraCore**-based application with foreign applications is made easy.

- **Integration by plain configuration without any programming effort**

UltraIntegration provides you with all the advantages of the ESB technology. In this way you can integrate all kinds of applications without any programming effort.

For more information please contact:

¹ A Use Case is defined as a set of functions that share a common scope and implement a coherent fraction of the business logic within an application developed with UltraCore. A Use Case can therefore be considered as a service of the application that has to be exposed into the integration platform. Examples of Use Cases are: create user, modify account, delete customer, book ticket, read balance, calculate price, etc.

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