

# Integration of Adobe Flash Island for Web Dynpro ABAP



## Applies to:

SAP Netweaver 7.01.

## Summary

The Web Dynpro framework provides UI elements that dramatically reduce development effort and enforce a unified look and feel of Web Dynpro-based applications. However, several use cases require richer UI capabilities that are not available with this set of UI elements. To support such use cases, Adobe Flash Island is supported within the Web Dynpro for ABAP framework in SAP NetWeaver 7.0 EhP1.

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## Author Bio

Manfred Lutz has been working at SAP since 1989. Initially, he worked in the Logistic Development Department, building what was to become the ancestor of the SAP R/3 system. He also designed the interface that enables communication between SAP and external systems. In 1993, he moved to the Certification Group where he worked as a Partner Manager in order to provide seamless integration between SAP R/3 and third-party products. In 2000, Manfred joined the Global e-Post Initiative at SAP as Product Manager and, for the last three years, has been involved in SAP NetWeaver Product Management. He is now responsible for the rollout of Web Dynpro for ABAP to internal application developers, customers, and partners. Also he cares for the need of a new kind of Partner Program for the ISVs.

## Integration of Adobe Flash Island for Web Dynpro ABAP

The Web Dynpro framework provides UI elements that dramatically reduce development effort and enforce a unified look and feel of Web Dynpro-based applications. However, several use cases require richer UI capabilities that are not available with this set of UI elements. To support such use cases, Adobe Flash Island is supported within the Web Dynpro for ABAP framework in SAP NetWeaver 7.0 EhP1. Adobe Flash Island allows you to create rich Internet components that support integration, data exchange, and interaction with applications built with Web Dynpro for ABAP.

The development of Flash applications requires the Adobe Flex Builder, which is not part of the SAP NetWeaver shipment.

Airline	Flight Number	Date	Airfare	Airline Currency	Plane Type	Max. capacity econ.	Max. capacity bus.
H	0400	21.06.2008	666,00	EUR	A310-300	68	22
H	0400	19.07.2008	666,00	EUR	A310-300	68	22
H	0400	16.08.2008	666,00	EUR	A310-300	68	22
H	0400	13.09.2008	666,00	EUR	A310-300	68	22
000	LH	0400	666,00	EUR	A310-300	68	22

Data binding and eventing is handled with a library built and shipped by SAP. The interface of Adobe Flash Island in a Web Dynpro component is defined by using data sources and their properties and events and event parameters. Both these can be bound to the context. With Adobe Flex Builder, an Adobe Flash application is created and loaded into the Mime repository of a Web Dynpro component. This Mime object is referenced by the Flash Island UI element. Debugging is provided on the Web Dynpro component and the Adobe Flex/Flash application.

"Creating user interfaces with Adobe Flash Islands for Web Dynpro" is a ramp-up scenario of the upcoming NetWeaver 7.0 EhP1 release. A limited number of customers can apply for this development scenario which allows you to enhance Web Dynpro ABAP applications with custom controls.

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