

Publishing a Web Service to UDDI

Applies to:

SAP NetWeaver 2004 / SAP NetWeaver 2004s.

Summary

This article explains the steps to publish web services from any WAS server to UDDI.

Author(s): Nirav J Goradia

Company: L & T Infotech Ltd.

Created on: 27 December 2007

Author Bio



Nirav Goradia is a Technical Consultant working with L & T Infotech Ltd, Mumbai, India. His SAP experience of over 15 months spans various technologies like ABAP, Web Dynpro for Java.

Table of Contents

Introduction	3
Create a Business Entity	3
Publish a Web Service Definition	5
Publish Service	8
Related Content	10
Disclaimer and Liability Notice	11

Introduction

Universal description, discovery and integration (UDDI) is an online directory that gives businesses and organizations a uniform way to describe their services, discover other companies' services and understand the methods required to conduct business with a specific company. SAP NetWeaver 2004/2004s provides set of tools to publish your web service to UDDI. Here we will have a look at steps required to publish a web service to UDDI.

Create a Business Entity

- To launch the UDDI client tool, open URL `http://<server>:<port>/uddiclient`
- All services belonging to a particular business unit can be published under single business entity. If you have not created a business entity as yet, Select "Publish Business Entity" and click on "Next".

Welcome to the UDDI Tool

Language of the Tool

Select Language

Action

Select Action

Publish Service Definition
 Publish Service
 Publish Business Entity
 Search Registry

- Select appropriate registry to which you want to publish your web service. "A Test Registry" will publish the web service on the local server.

UDDI Registry Information

Select UDDI Registry

UDDI Registry

Enter User Info

User *

Password *

- Enter login credentials provided by the selected registry. For SAP registry, visit <http://uddi.sap.com> for login credentials.

UDDI Registry Information

Select UDDI Registry

UDDI Registry

Enter User Information



User *

Password *

- Subsequent screen will show you list of business entities created by you. To create a new Business entity, click on “Create”.

Business Entities

<< [1] >>

  **Developer (EN)**
Sample Business Entity (EN)

<< [1] >>

- Give an appropriate name to your business entity.

Publish Business Entity

Information by UDDI Registry

Business Entity Key The Business Entity is not published yet

UDDI Registry A Test Registry

Names | Descriptions | Contacts | Identifiers | Categories

Language	Names
English (American)	Business Entity

- Give a suitable description and contact details for your Business Entity. Also, you can classify your web service on the basis of identifiers and categories. To Read more on Identifiers and Categories, [Click Here](#).

- Click on “Publish” to publish your business entity.

Business Entity Published Successfully

a40a77c0-213e-11db-c9de-00156050132d

Publish a Web Service Definition

- To publish Web Service Definition, Click on “Publish Web Service Definition”

Welcome to the UDDI Tool

Language of the Tool

Select Language

Action

Select Action

- Publish Service Definition
- Publish Service
- Publish Business Entity
- Search Registry

- Select appropriate registry to which you want to publish your web service. “A Test Registry” will publish the web service on the local server.

UDDI Registry Information

Select UDDI Registry

UDDI Registry

Enter User Info

User *

Password *

- A Test Registry
- IBM Registry
- IBM Test Registry
- Microsoft Registry
- Microsoft Test Registry
- NTT Com Registry
- SAP Registry
- SAP Test Registry

- Enter login credentials provided by the selected registry. For SAP registry, visit <http://uddi.sap.com> for login credentials.

UDDI Registry Information

Select UDDI Registry

UDDI Registry

Enter User Information

User *

Password *

- Give an appropriate name to your Web Service Definition

Publish Service Definition

Information by UDDIRegistry

TModel Key The service definition is not published yet

UDDI Registry A Test Registry

Name | Descriptions | Identifiers | Categories | Service Definition Details

Language

Name

- Give a suitable description for your Web Service Definition. Also, you can classify your web service on the basis of identifiers and categories.

- Under Service Definition Details Tab, provide the Overview URL or WSDL. You can find that URL under Overview Section in Web Services Navigator of your WAS. Also, give appropriate descriptions for your web service definition.

Publish Service Definition

Information by UDDIRegistry

TModel Key The service definition is not published yet

UDDI Registry A Test Registry

Name
Descriptions
Identifiers
Categories
Service Definition Details

Overview URL

Language
Descriptions

No Descriptions Defined

- Click on “Publish” to publish your business entity.

TModel Published Successfully

uuid:7aa44a30-2609-11db-851d-00156050132d

Publish Service

- To publish Web Service , Click on “Publish Service”

Welcome to the UDDI Tool

Language of the Tool

Select Language

Action

Select Action

Publish Service Definition
 Publish Service
 Publish Business Entity
 Search Registry

- Select appropriate registry to which you want to publish your web service. “A Test Registry” will publish the web service on the local server.

UDDI Registry Information

Select UDDI Registry

UDDI Registry

Enter User Info

User *

Password *

- Enter login credentials provided by the selected registry. For SAP registry, visit <http://uddi.sap.com> for login credentials.

UDDI Registry Information

Select UDDI Registry

UDDI Registry

Enter User Information

User *

Password *

- Give an appropriate name to your Web Service

Service Publication

Information by UDDI Registry

Business Entity

Service Key The service is not published, yet

UDDI Registry A Test Registry

Names Descriptions Categories Binding Templates

Language	Names
English (American)	Web service

- Give a suitable description for your Web Service. Also, you can classify your web service on the basis of categories.
- Under Binding Templates Tab, Click on “New Template” and add an Address point of your web service.

Service Publication

Information by UDDI Registry

Business Entity

Service Key The service is not published, yet

UDDI Registry A Test Registry

Names Descriptions Categories Binding Templates

Address Point

http://server_port/Web_Service_Name/Config

- Click on “Publish” to publish your business entity.

Service Published Successfully

64affdc0-260c-11db-86f7-00156050132d

- Once the service is published, you can see the UDDI publication information in Web service navigator.

UDDI Publications:

UDDI Publications	
Service Key	Inquiry URL
38c5b660-2160-11db-bf70-00156050132d	/uddi/api/inquiry

Related Content

- [SAP Registry](#)
- [UDDI Ver 3.0](#)
- [UDDI on SDN](#)

Disclaimer and Liability Notice

This document may discuss sample coding or other information that does not include SAP official interfaces and therefore is not supported by SAP. Changes made based on this information are not supported and can be overwritten during an upgrade.

SAP will not be held liable for any damages caused by using or misusing the information, code or methods suggested in this document, and anyone using these methods does so at his/her own risk.

SAP offers no guarantees and assumes no responsibility or liability of any type with respect to the content of this technical article or code sample, including any liability resulting from incompatibility between the content within this document and the materials and services offered by SAP. You agree that you will not hold, or seek to hold, SAP responsible or liable with respect to the content of this document.