# DEVELOPER'S GUIDE FOR İŞTEİŞ

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# Introduction

İşteiş is an online portal that enables all participants in career business meet each other. It was developed by Taşeron Yazılım in 2008, a senior project group at METU Computer Engineering Department.

By the sponsorship of Software AG İşteiş was coded with the help of Webmethods Integration Server and Application Designer.

İşteiş is a realization of Service Oriented Architecture and Web 2.0.

# Development

Development of the system depends on two main structures. First of these structures is Integration Server, where web services are implemented and Java client codes for application designer are produced. Second structure is the Application Designer with a development environment accessed from browser. For high performance it is recommended to use Eclipse plug-in fo Application Designer provided by Software AG.

## Integration Server Side

İşteiş on the Integration Server consists of flow services that have own database connections inside. No other database connections have been built on the client side(application side) of the project.

These flow services include document type mapping management and Oracle Database connections.

For these flow services both some client codes and wsdl files can be generated. Taşeron Yazılım implemented the Java client codes on the Application Server side, which are generated by the Integration Server.

More can be learned about Integration Server from www.softwareag.com/Corporate/products/wm/integration/default.asp

## *Application Designer Side*

Application Designer provides a variety of layout options for a Web 2.0 project. Moreover it provides Java environment for Java client codes to run. To handle both the layout and the code side it is best to choose Eclipse as the development environment.

Layouts are saved as xml files in the designer.

Dynamic objects in the layout (buttons, menus etc.) can be linked with the corresponding methods in the adapter code of the page. Any page may have a single Java page adapter. Client code with web service connection may be embedded in this page adapter.

It is crucial to use Code Assistant feature and publishing buttons in Application Designer for your project work correct.

Detailed information about Application Designer can be found at:

http://documentation.softwareag.com/Crossvision/cit/install/inst-win.htm