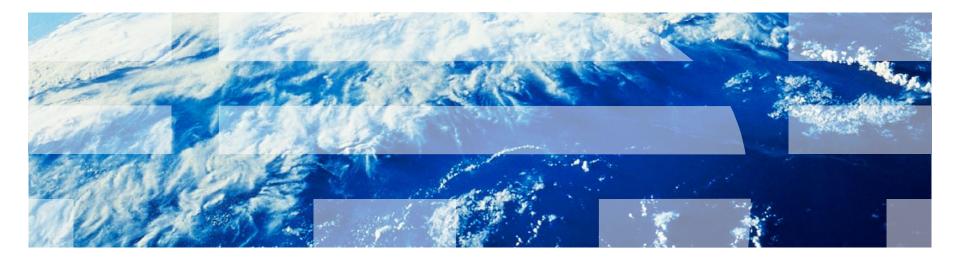


IBM Worklight Foundation V6.2.0 Getting Started

Setting up your Worklight development environment



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Agenda

- Requirements
- Installing Eclipse
- Installing Worklight Studio
 - Overview
 - Installation
- Appendix: Eclipse Overview



Development environment: choice of operating system

- Worklight® Studio of the IBM Worklight Developer Edition is supported on the following operating systems:
 - Windows™
 - Mac OS
 - Linux
- You can develop Worklight applications with iOS environments on any of these operating systems. However, due to restrictions set by Apple, you can compile an iOS project only on a Mac OS.
- For more information, see the <u>IBM Worklight Foundation user</u> documentation.



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Eclipse: Introduction

- Multi-purpose integrated development environment (IDE)
- Open source
- Development efficiency:
 - Editor
 - Debugger
 - Source Control
- Worklight Studio is a plug-in for Eclipse that supports the efficient development of rich, multi-channel applications.



Eclipse: Downloading

- You can download Eclipse from <u>http://www.eclipse.org/</u>
- The supported versions of Eclipse are:
 - Eclipse Juno v4.2.2 (SR2)
 - Eclipse Kepler v4.3.1 (SR1)
 - Eclipse Classic v4.2.2
 - Eclipse Classic v4.3.1



Eclipse Downloading

 After selecting Eclipse IDE for Java[™] Platform, Enterprise Edition (Java EE) developers, download the package.





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Worklight Studio: Overview

- Worklight Studio is an Eclipse plug-in, which contains an embedded version of Worklight Server.
- You use Worklight Studio to:
 - Create and modify applications
 - Deploy applications to the embedded Worklight Server
 - Preview and manage applications by using Worklight Console
 - Create custom server-side Java code that can be used by Worklight adapters
 - Create and modify Worklight adapters
 - Deploy Worklight adapters to the embedded Worklight Server
 - Test Worklight adapter procedures



Downloading Worklight Studio

- You can install Worklight Studio by searching for "worklight" in the Eclipse Marketplace (Help > Eclipse Marketplace).
- Alternatively, from Eclipse, you can add the Worklight Studio Eclipse update site, and install Worklight Studio directly from the web.
- For more information about how to download and install Worklight Studio, see: http://www.ibm.com/developerworks/mobile/worklight.html.
- For more information about downloading and installing the IBM Worklight Consumer Edition and the IBM Worklight Enterprise Edition, see the IBM Worklight Foundation user documentation.



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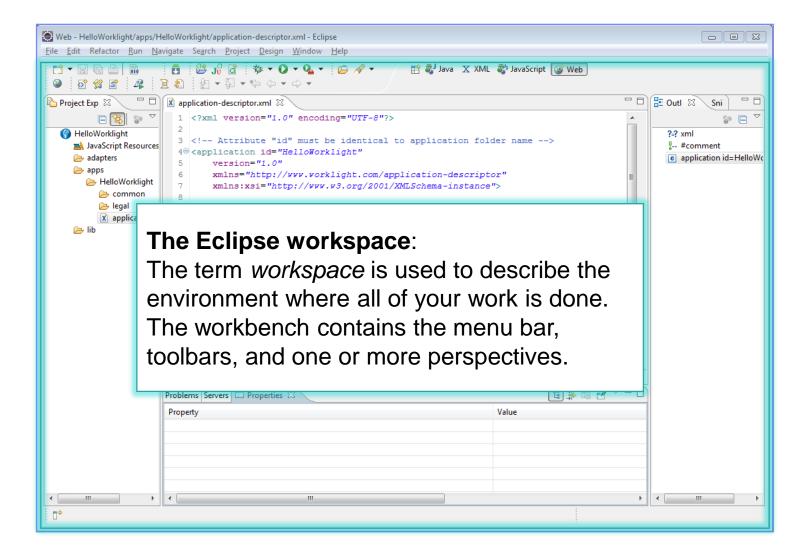


Eclipse Terminology: Workbenches

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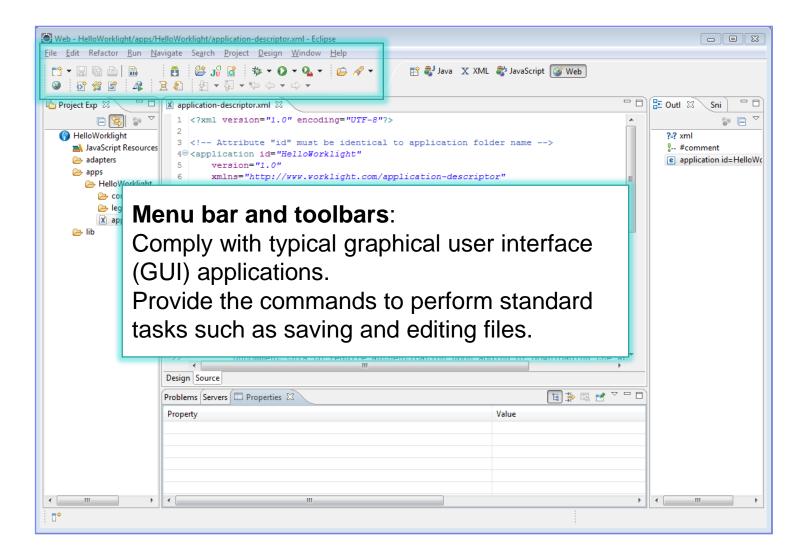


Eclipse Terminology: Workspace



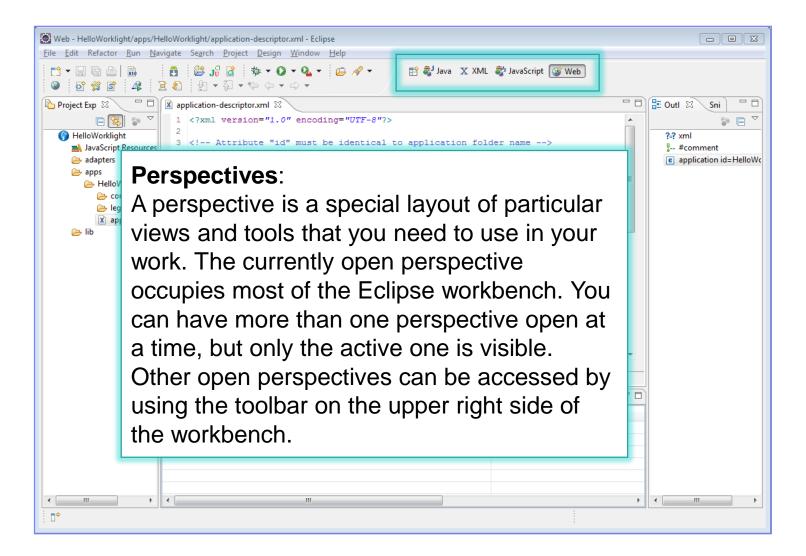


Eclipse Terminology: Menu bar and Toolbar



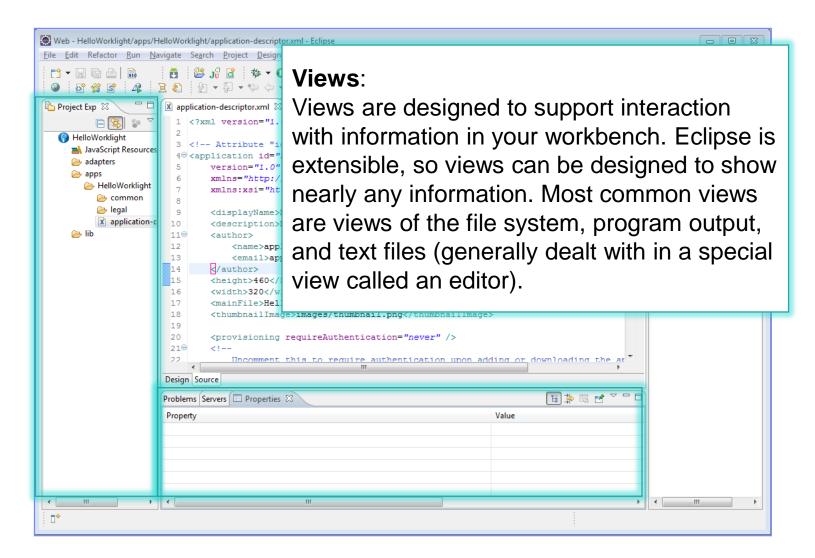


Eclipse Terminology: Perspectives





Eclipse Terminology: Views (1 of 2)



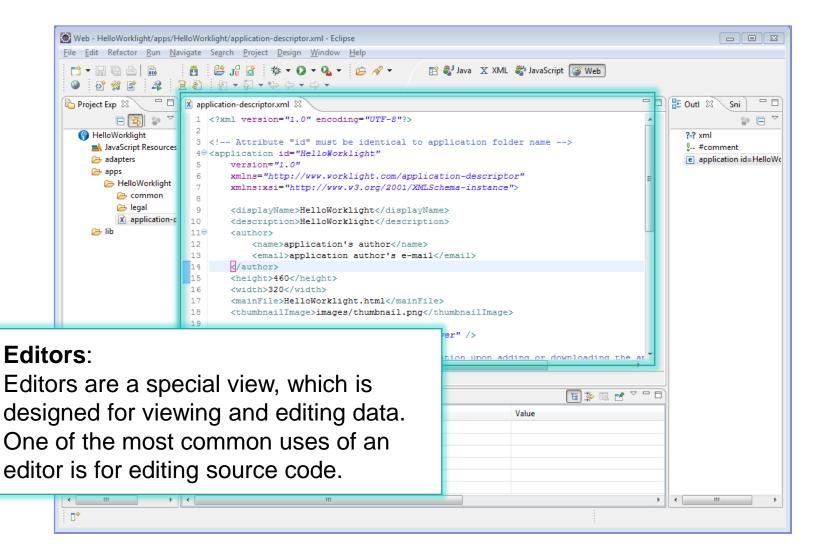


Eclipse Terminology: Views (2 of 2)

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Eclipse Terminology: Editors



Eclipse

 If you are working on a Windows platform, before you begin to create projects and work with your Eclipse installation, go to Window > Preferences > General > Workspace, and change the text file encoding to UTF-8.

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Useful keyboard shortcuts

- CTRL + F: find
- CTRL + K: find next
- CTRL + J: incremental find next
- CTRL + L: go to line
- CTRL + SHIFT + R: open resource
- CTRL + Q: last edit location
- ALT + ← (left): back
- ALT + \rightarrow (right): forward
- Note: CTRL key is for Linux and Windows. Use CMD key on Mac instead.



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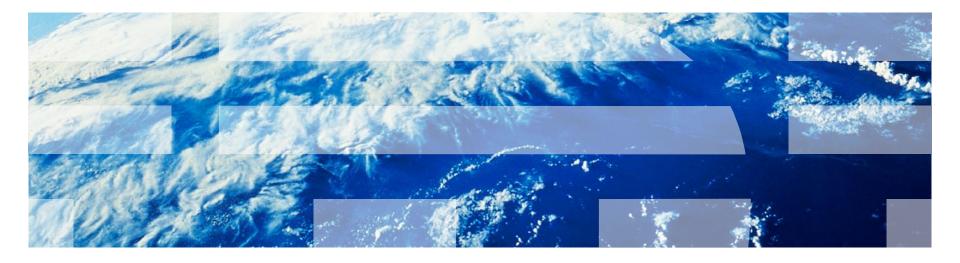
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