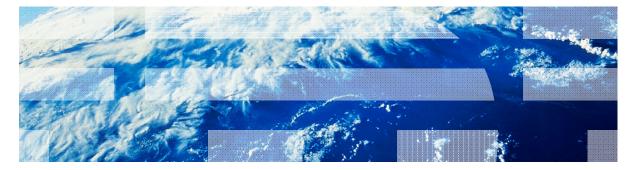


#### IBM Worklight V5.0.5 Getting Started

Module 2 – Setting Up Your Development Environment



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# Agenda

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



# Development Environment: Choice of Operating System

- Worklight Studio is supported on following operating systems:
  - Windows
  - Mac OS
  - Linux
- You can develop for 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.
- When used on a Mac OS, the Worklight Studio integrates with Xcode (the iOS development environment).
- For more information, see the IBM Worklight V5.0.5 Information Center.



# Agenda

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### **Eclipse: Introduction**

- Multi-purpose Integrated Development Environment
- Open source
- Development Efficiency
  - Editor
  - Debugger
  - Source Control
- The Worklight Studio is a robust plug-in for Eclipse that supports the efficient development of rich, multi-channel applications.



#### Eclipse Downloading

- Eclipse can be downloaded at <u>http://www.eclipse.org/</u>
- The following editions of Eclipse are supported:
  - Eclipse Classic
  - Eclipse for Java<sup>™</sup> Enterprise Edition (Java EE) Developers





# Agenda

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### Worklight Studio: Introduction

- Worklight Studio is an Eclipse plug-in that contains an embedded version of Worklight Server which simplifies and facilitates the development process.
- Worklight Studio provides a quick and easy way 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 download Worklight Studio locally as a compressed file, and then install it as an Eclipse archive.
- Alternatively, from Eclipse, you can add the Worklight Studio Eclipse update site, and install Worklight Studio directly from the web.
- See <u>http://www.ibm.com/developerworks/mobile/worklight.html</u> for download and installation information.



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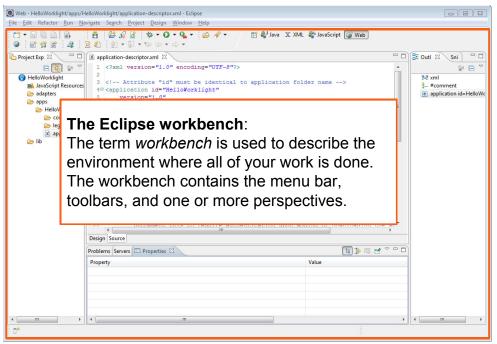


# Eclipse Terminology: Workbenches

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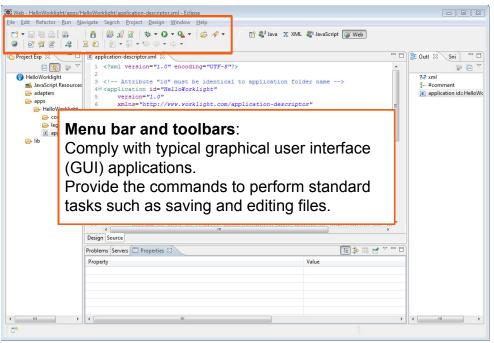


#### Eclipse Terminology: Workbenches



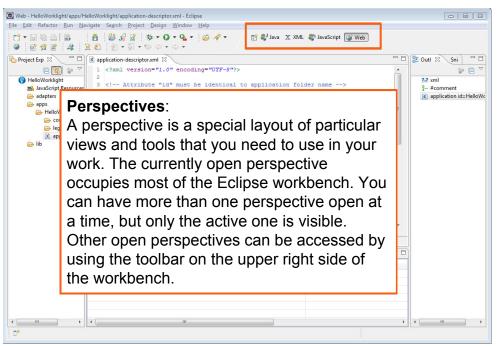


#### Eclipse Terminology: Menu bar and Toolbar



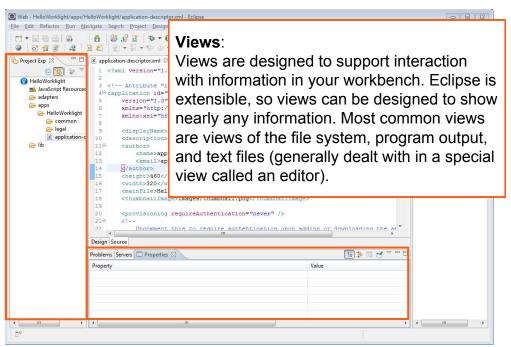


### Eclipse Terminology: Perspectives





#### Eclipse Terminology: Views



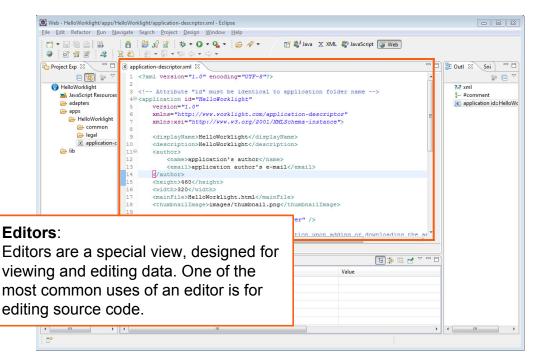


# Eclipse Terminology: Views (continued)

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## Eclipse Terminology: Editors





## **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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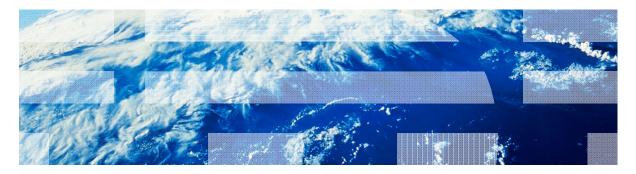
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