



OSGi and Server-Side Eclipse

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Summary

OSGi technology provides a service-oriented, component-based environment for developers offering them standardized ways to manage the software lifecycle. The Eclipse Equinox project, from a code point of view, provides an implementation of the OSGi R4 core framework specification, a set of bundles that implement various optional OSGi services and other infrastructure for running OSGi-based systems.

Eclipse's Plug-ins and Extension Points are based on Equinox's OSGi runtime, providing solid architectural building blocks for the Eclipse platform. After already receiving great success using OSGi on the client-side, Eclipse is now poised to achieve the same success with Server-side Eclipse

In this lecture, we introduce the fundamental concepts of OSGi and how the Equinox project has incorporated it into the Eclipse platform. We also provide an overview of Server-Side Eclipse and the impact that OSGi has had on it.

Why you should attend

You should attend to:

- learn about OSGi
- discover the relationships between Eclipse's Plug-ins, Extension Points and OSGi
- see how these building blocks are used to create client-side and server-side Eclipse applications

Who should attend

This lecture is for corporate and technology managers and developers, entrepreneurs, faculty and graduate students in computer science and software engineering, as well as individual developers who are interested in software development using OSGi and Eclipse

Date:	Wednesday, August 27, 2008
Time:	4 p.m. – 6 p.m.
Where:	Carleton University Room 3275 Mackenzie Building
CU map:	http://www2.carleton.ca/campus
Cost:	Free admission; includes coffee, light snacks, and links to slides

About TIM Lecture Series

www.talentfirstnetwork.org/wiki/index.php?title=TIM_Lecture_Series

Promotes the transfer of knowledge from university research to technology company executives and entrepreneurs.

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www.carleton.ca/tim

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http://www.ottawatechwiki.com/wiki/index.php?title=Talent_First_Network

Supports the transfer of (i) open source technology; (ii) knowledge about competing in open environments; and (iii) talented students with commercialization skills from Ontario's academic institutions to companies.

TIM Lecture Series Host: **Tony Bailetti**, Carleton University, Bailetti@sce.carleton.ca

Co-host: **Rowland Few**, Ecosystem Director, Talent First Network, rfew@sce.carleton.ca

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