

不只是給 **Java** 使用者的

NetBeans and GlassFish

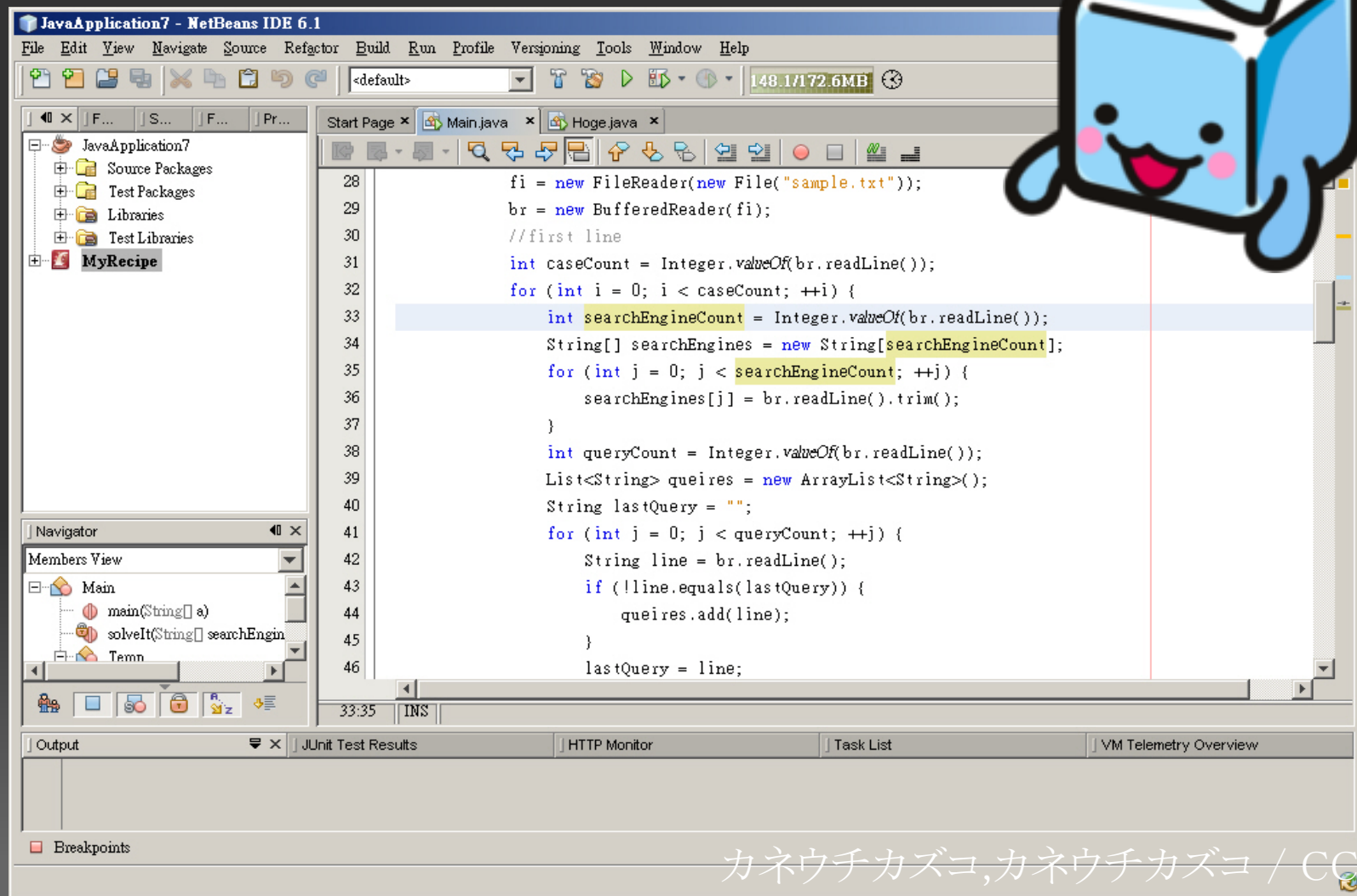
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關於我

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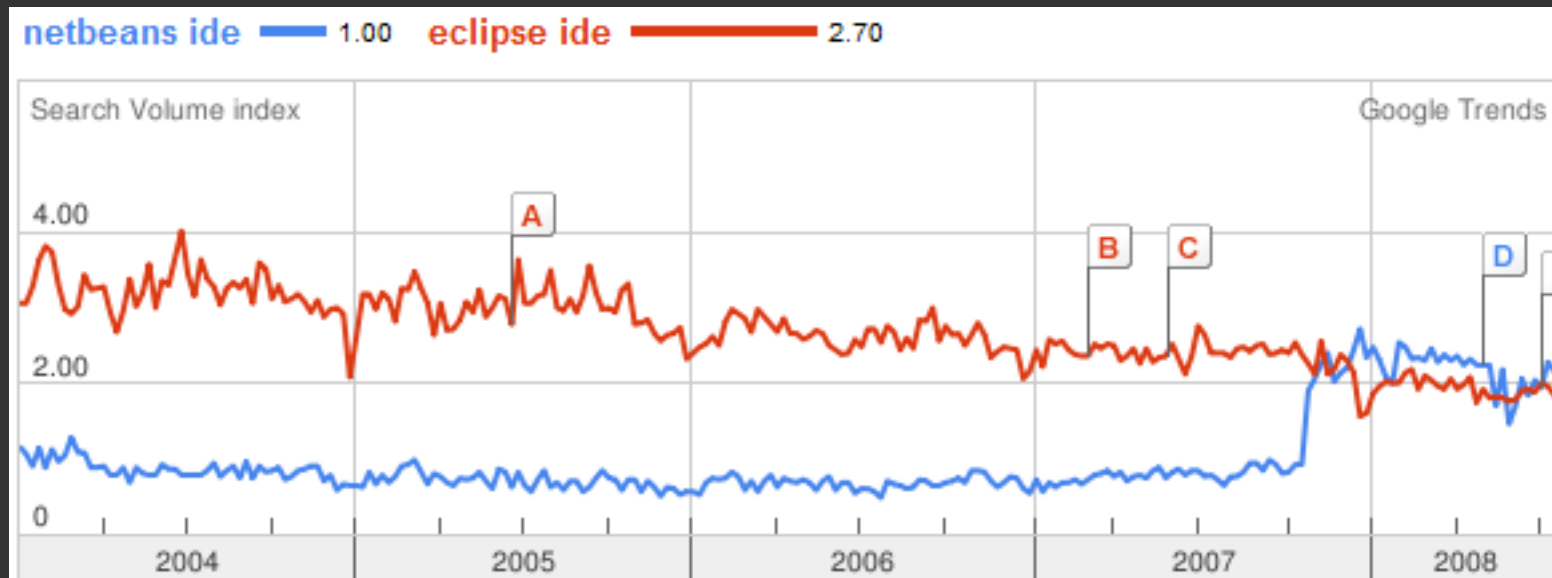
什麼是NetBeans?

- An open-source IDE



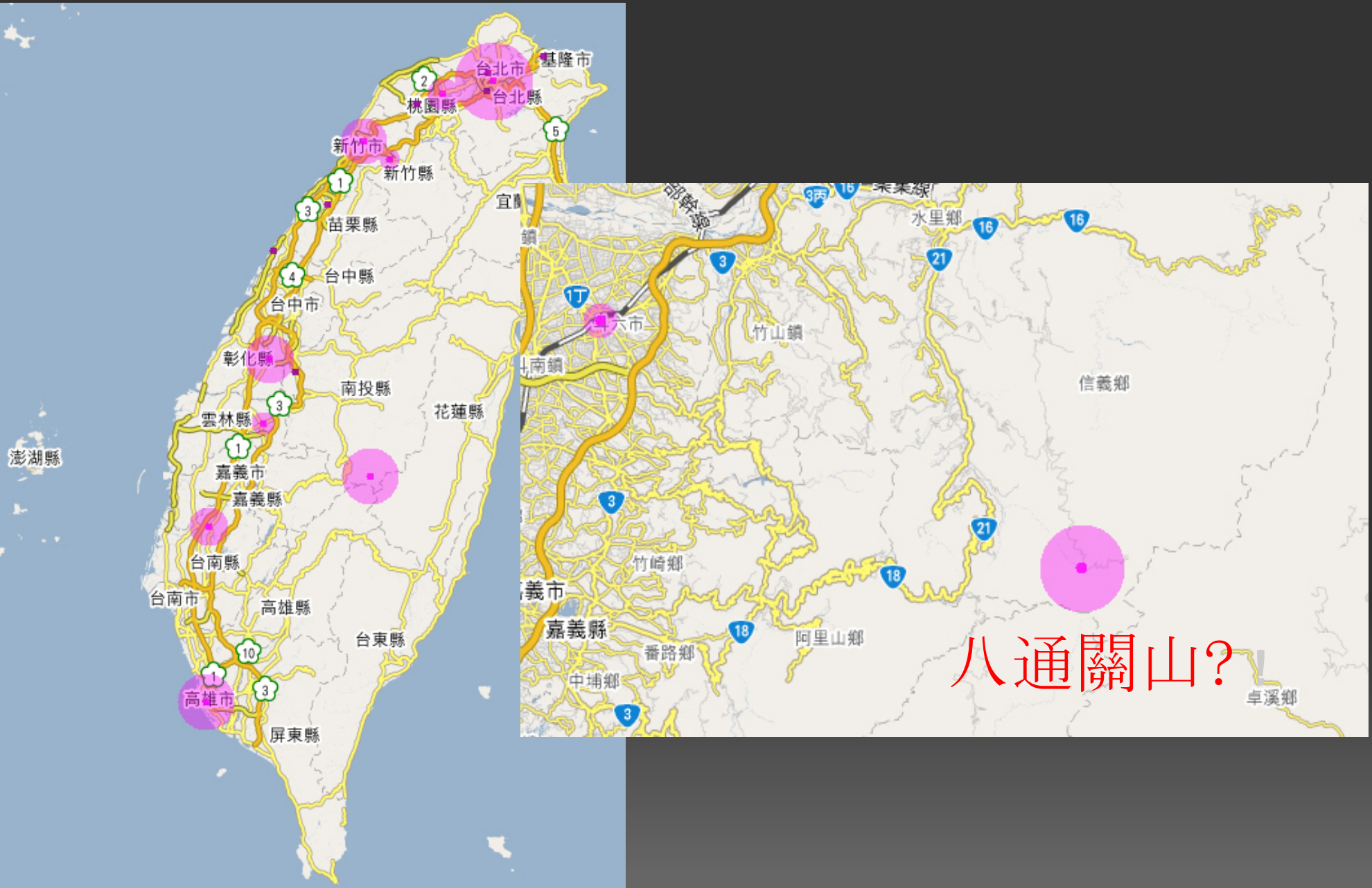
它!!頗受歡迎!!

- 從NetBeans 5.5後急起直追



- 最新的版本是 6.1
- 開發中的版本是 6.5 beta

NetBeans在台灣



它!!會多種語言!!

- 開始支援多語言
- NetBeans 6.0
 - > Ruby & (J)Ruby
 - > JavaScript
- NetBeans 6.5 (beta)
 - > Python & Jython
 - > PHP
 - > Groovy
 - > Scala

給Java開發者

- JavaSE
 - > 方便的GUI Builder (Swing)
- JavaME
 - > MIDP, CDC
- JavaEE
 - > Servlet/JSP, JSF, Struts
 - > Web Services
 - > EJB3
- 其他
 - > Debug/Profiler

給Java開發者(6.5)

- 支援Groovy/Grails
- 更好的OpenSource Framework支援
 - > Spring
 - > Hibernate
- 儲存時自動編譯/部屬
- 可以更方便的匯入Eclipse專案

給(J)Ruby on Rails開發者

The screenshot displays the NetBeans IDE interface for a Rails application. The main editor window shows the `boot.rb` file, which contains the following code:

```
# Don't change this file!  
# Configure your app in config/environment.rb and config/environments/*.rb  
  
RAILS_ROOT = "#{File.dirname(__FILE__)}/.." unless defined?(RAILS_ROOT)  
  
module Rails  
  class << self  
    def boot!  
      unless booted?  
        preinitialize  
        pick_boot.run  
      end  
    end  
  
    def booted?  
      defined? Rails::Initializer  
    end  
  
    def pick_boot
```

The IDE interface includes a menu bar (File, Edit, View, Navigate, Source, Refactor, Build, Run, Profile, Versioning, Tools, Window, Help), a toolbar, and a status bar. The left sidebar shows the project structure for `RailsApplication1`, including folders like `Controllers`, `Helpers`, `Models`, `Views`, `Configuration`, `Database Migrations`, `Libs`, `Logs`, and `Public`. The `boot.rb - Navigator` window shows the file's internal structure, including `gem_version`, `load_rubygems`, `parse_gem_version(text)`, `read_environment_rb`, `rubygems_version`, `VendorBoot`, `load_initializer`, `self`, and `boot!`. The `Output - Generate Rails Project` window at the bottom shows the following output:

```
create public/favicon.ico  
create public/robots.txt
```

給(J)Ruby on Rails開發者

- IDE部分
 - > Ruby Platform以及Ruby Gem管理
 - > Rails Plugin的管理
 - > 支援Rails command
- 編輯器
 - > 程式碼提示
 - > 快速修正
- 其他
 - > nbgit(開發中)
 - > 與各種server整合 – WEBrick, Mongrel, GlassFish

給**PHP**開發者 (6.5)

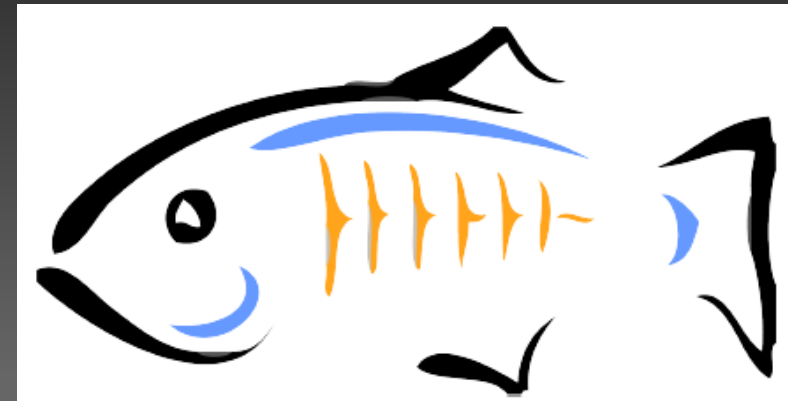
- 編輯器
 - > 程式碼提示
 - > 快速修正
- 其他
 - > 支援FTP直接上下傳檔案
 - > 使用XDebug來debug
 - > 參考 <http://blogs.sun.com/netbeansphp>

給web應用程式開發者

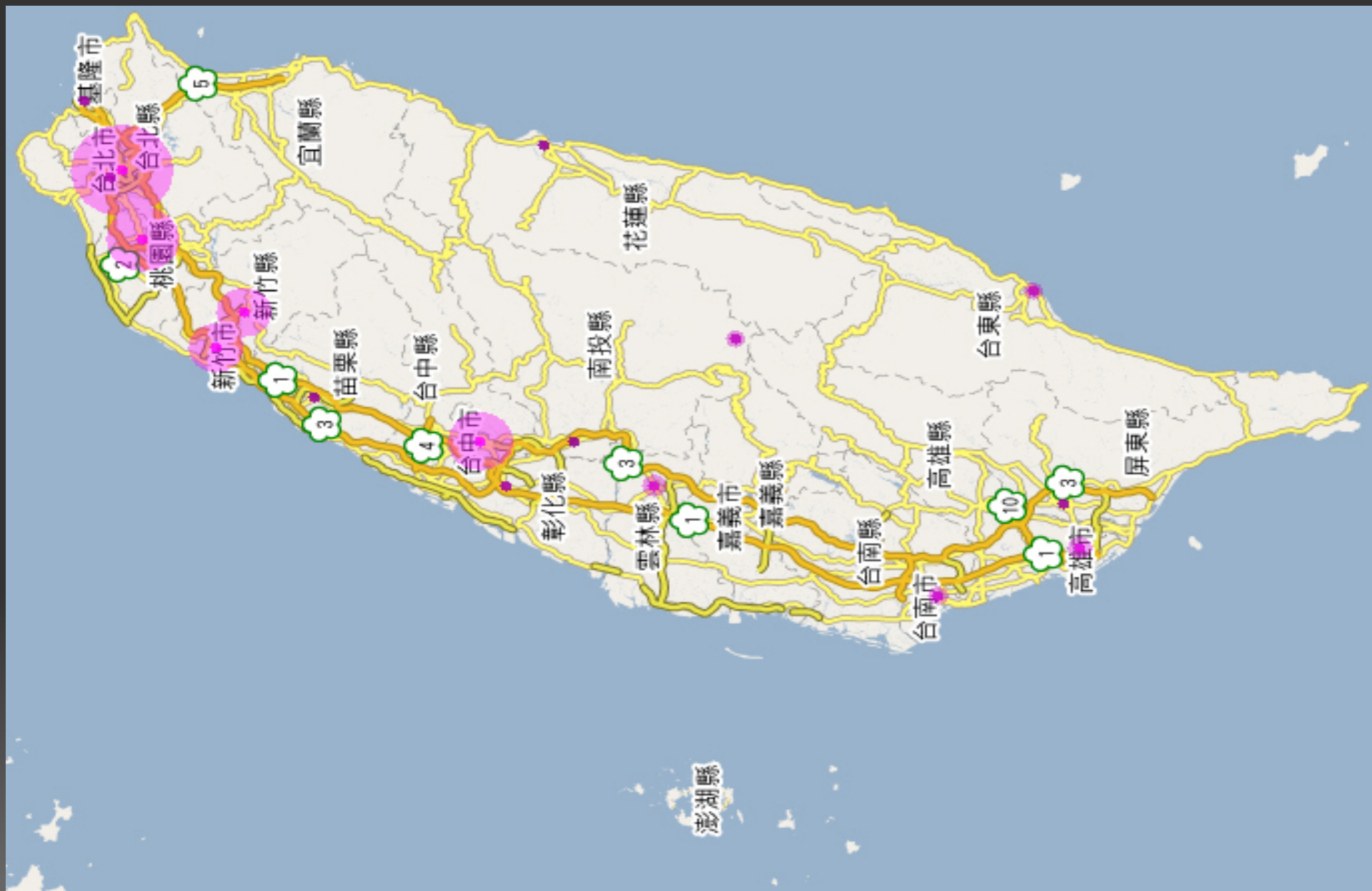
- JavaScript編輯
- IE/Firefox上的JavaScript Debug
 - > 需要安裝plugin
- 支援各種framework
 - > JavaScriptYahoo UI, Woodstock, jQuery, Dojo, Scriptaculous, Prototype
- CSS編輯
- HTTP monitor
- 資料庫(MySQL)管理

什麼是GlassFish?

- Sun's open source application server project
 - > JavaEE5
 - > Comet/AJAX
 - > 效能提升
 - > Clustering
 - > 與.Net Webservice溝通 (WSIT)
 - > 各種方便的工具

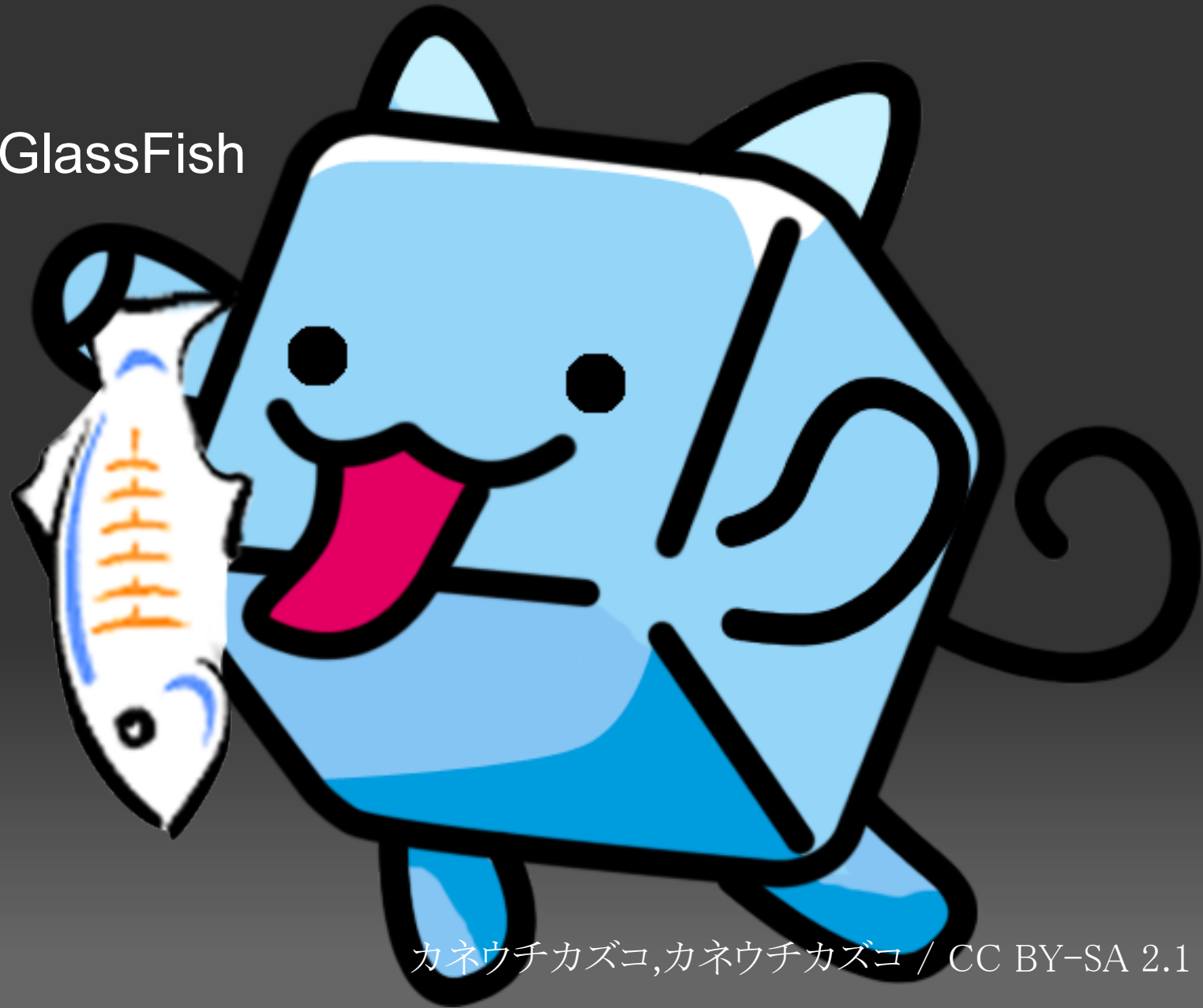


GlassFish在台灣



給 JavaEE 開発者

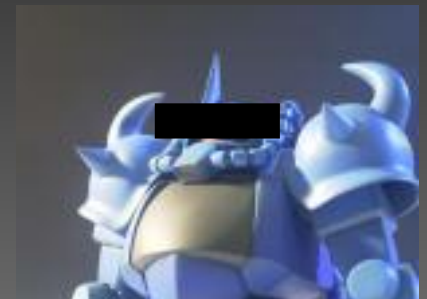
- 王道組合
 - > NetBeans + GlassFish



給JavaEE開發者

- NetBeans + GlassFish快速開發
 - > 修改程式後Undeploy and Deploy
- 比Tomcat更好
 - > Tomcat有時更新的部分沒反應
 - > 完整支援JavaEE
- 支援各種frameworks以及應用
- 多見證者
 - > <http://blogs.sun.com/stories/>

Tomcatとは違うのだよ、Tomcatとは!!
(這跟Tomcat不一樣阿、跟Tomcat!!)



給(J)Ruby on Rails開發者

- 讓你的rails application在GlassFish上跑
 - > `jruby -S rails hello`
 - > `jruby -S gem install glassfish`
 - > `jruby -S glassfish_rails hello`
- 如果需要和JavaEE聯手
 - > 安裝GlassFish
 - > 啟動GlassFish
 - > `$GLASSFISH_HOME/bin/asadmin deploy hello`

給PHP開發者

- 使用Caucho Quercus
 - > 支援PHP5
- 安裝方式
 - > 將Quercus下WEB-INF/lib的jar複製到
`$GLASSFISH_HOME/domains/domain/lib`
 - > 編輯web.xml
`com.caucho.quercus.servlet.QuercusServlet`

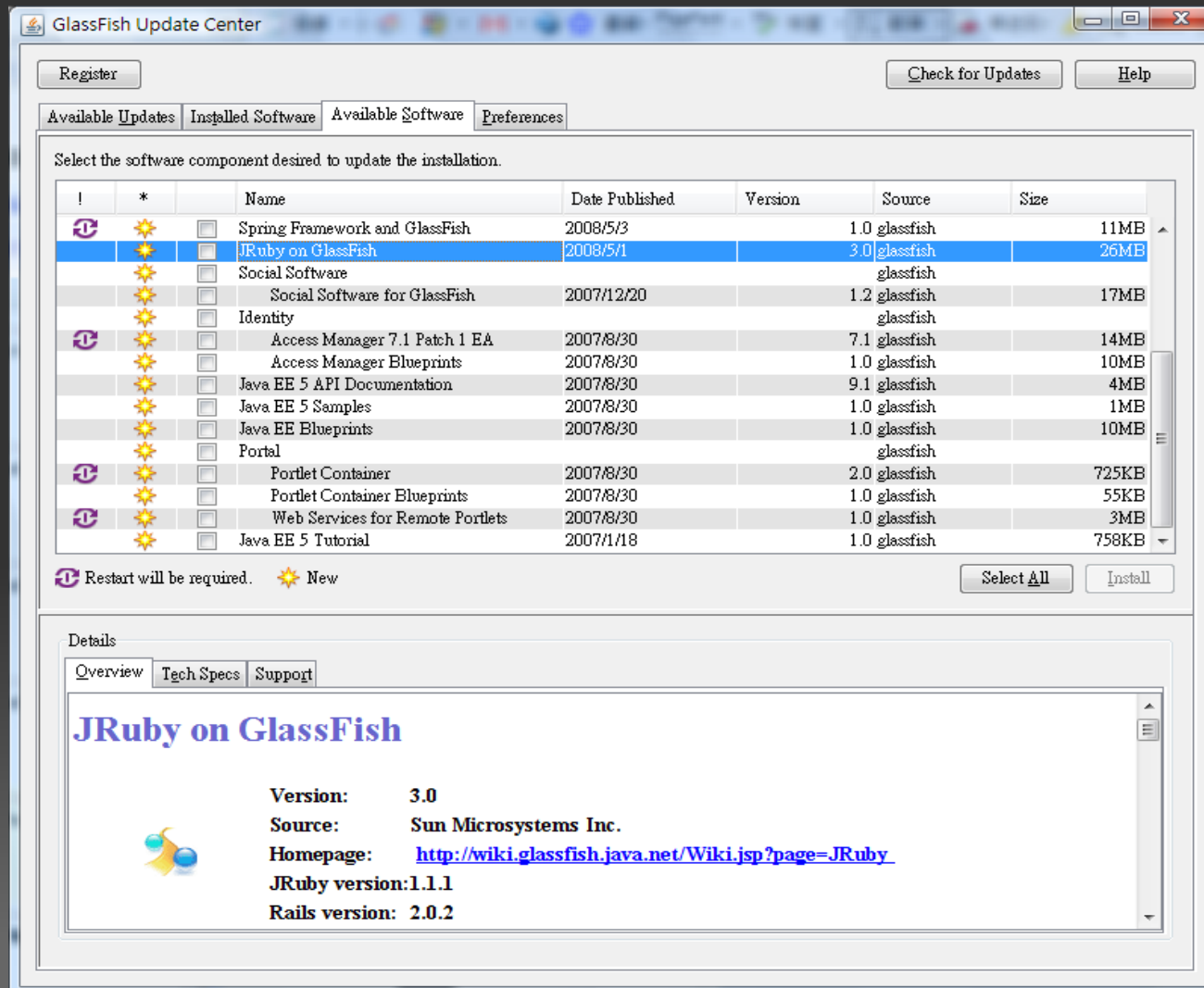
給管理者

● Admin Console

The screenshot displays the Sun Java™ System Application Server Admin Console. At the top, there are navigation links for 'Home' and 'Version', and user information: 'User: admin | Domain: personalDomain | Server: localhost'. The main title is 'Sun Java™ System Application Server Admin Console'. On the left, a 'Common Tasks' sidebar lists various categories: Application Server, Applications (Enterprise Applications, Web Applications, EJB Modules, Connector Modules, Lifecycle Modules, Application Client Modules), Web Services, JBI (Service Assemblies, Components, Shared Libraries), Custom MBeans, Resources, and Configuration. The main content area is titled 'Common Tasks' and is divided into several sections: 'Registration and Support' (Subscriptions), 'Update Center' (Getting Started Guide, 19 New Component(s) Available), 'Deployment' (Deploy Enterprise Application (.ear), Deploy Web Application (.war), Deploy Custom MBean, Deploy Java Business Integration (JBI) Service Assembly), and 'Clustering'. On the right, there are 'Other Tasks' (Search Log Files, Create New JDBC Connection Pool, View Web Services), 'Monitoring' (View Monitoring Data), and 'documentation' (Quick Start Guide, Administration Guide, Developer's Guide, Application Deployment Guide, Deployment Planning Guide).

給管理者

● Update Tool



The screenshot displays the GlassFish Update Center window. At the top, there are buttons for "Register", "Check for Updates", and "Help". Below these are tabs for "Available Updates", "Installed Software", "Available Software", and "Preferences". The main area contains a table of software components available for update, with "JRuby on GlassFish" selected. A legend indicates that a purple icon means a restart is required and a yellow star means the component is new. Below the table, there are "Select All" and "Install" buttons. The "Details" section at the bottom shows the selected component's information.

Select the software component desired to update the installation.

!	*		Name	Date Published	Version	Source	Size
		<input type="checkbox"/>	Spring Framework and GlassFish	2008/5/3	1.0	glassfish	11MB
		<input checked="" type="checkbox"/>	JRuby on GlassFish	2008/5/1	3.0	glassfish	26MB
		<input type="checkbox"/>	Social Software			glassfish	
		<input type="checkbox"/>	Social Software for GlassFish	2007/12/20	1.2	glassfish	17MB
		<input type="checkbox"/>	Identity			glassfish	
		<input type="checkbox"/>	Access Manager 7.1 Patch 1 EA	2007/8/30	7.1	glassfish	14MB
		<input type="checkbox"/>	Access Manager Blueprints	2007/8/30	1.0	glassfish	10MB
		<input type="checkbox"/>	Java EE 5 API Documentation	2007/8/30	9.1	glassfish	4MB
		<input type="checkbox"/>	Java EE 5 Samples	2007/8/30	1.0	glassfish	1MB
		<input type="checkbox"/>	Java EE Blueprints	2007/8/30	1.0	glassfish	10MB
		<input type="checkbox"/>	Portal			glassfish	
		<input type="checkbox"/>	Portlet Container	2007/8/30	2.0	glassfish	725KB
		<input type="checkbox"/>	Portlet Container Blueprints	2007/8/30	1.0	glassfish	55KB
		<input type="checkbox"/>	Web Services for Remote Portlets	2007/8/30	1.0	glassfish	3MB
		<input type="checkbox"/>	Java EE 5 Tutorial	2007/1/18	1.0	glassfish	758KB


Restart will be required. New

Select All Install

Details

Overview Tech Specs Support

JRuby on GlassFish



Version: 3.0
Source: Sun Microsystems Inc.
Homepage: <http://wiki.glassfish.java.net/Wiki.jsp?page=JRuby>
JRuby version: 1.1.1
Rails version: 2.0.2

GlassFish V3又會是?

- JavaEE6
- 啟動速度再更快
- 支援OSGI
- 對其他語言/框架有更好的支援
 - > RoR, Grails, PHP, Django
- 更完整以及快速的Web Services
 - > Metro
- 更加完整的monitor, admin, clustering支援度

其他資源

- NetBeans
 - > <http://www.netbeans.tv>
 - > <http://www.netbeans.org>
 - > <http://planetnetbeans.org>
- GlassFish
 - > <http://glassfish.org>
 - > <http://blogs.sun.com/theaquarium>

謝謝大家!!