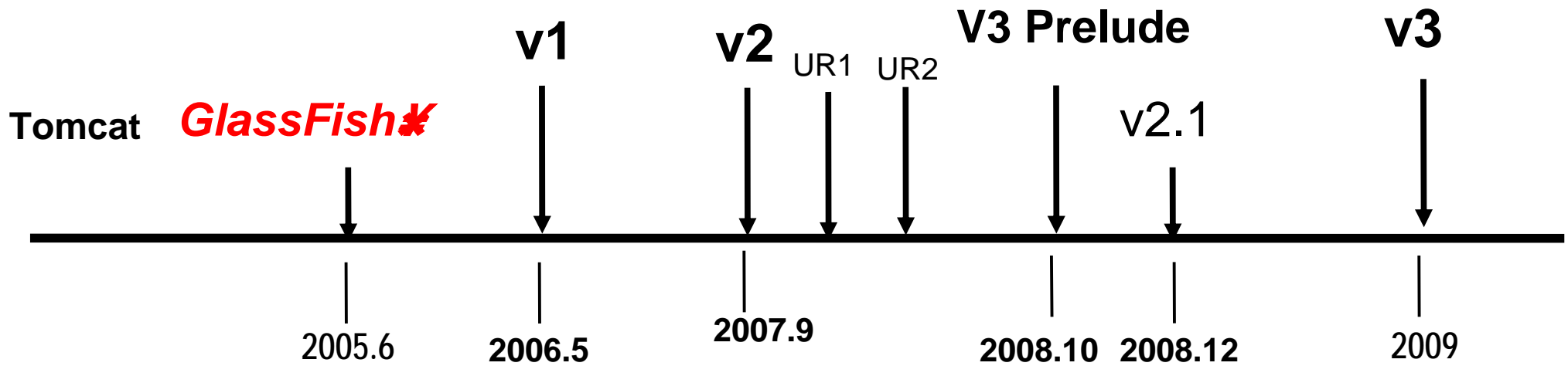


GlassFish



GF V3, XBuild: <http://download.java.net/glassfish/v3/promoted/>

GlassFish



Java EE, XE, „

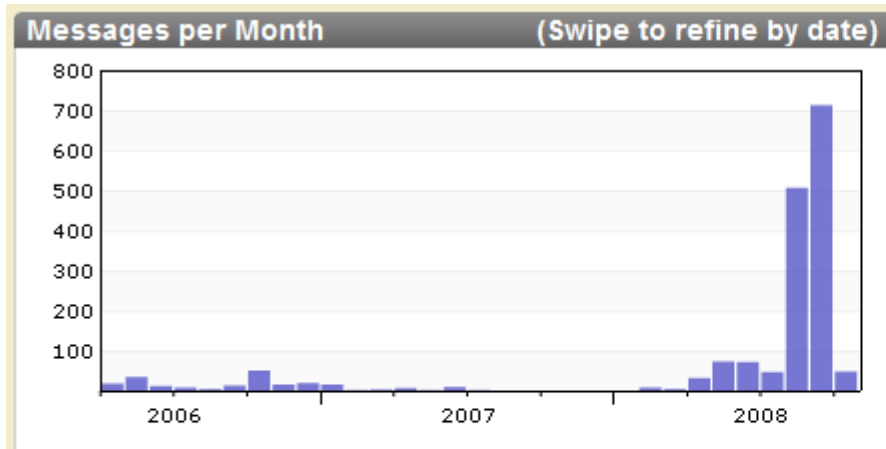
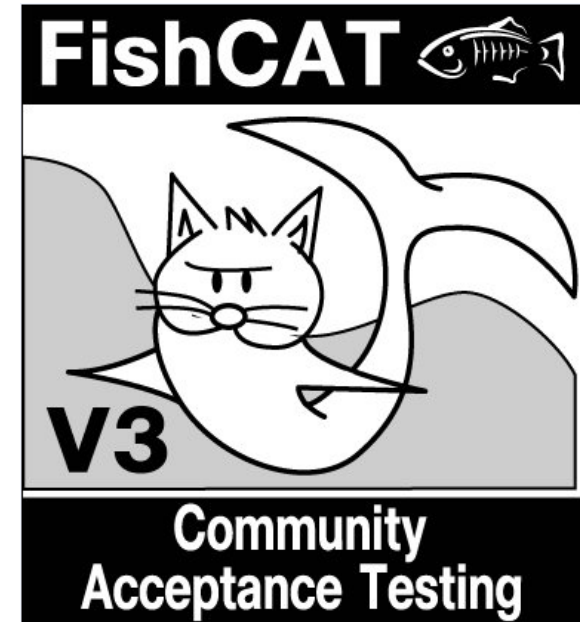
FishCAT



GlassFish V3 Beta

多个国家的社区成员参与，4个星期报告100多个 Issue，发出千余封邮件。

说明社区的活力和对GlassFish的期望



What List?	Who Sent It?	View more
....dev.glassfish.quality	Judy Tang	390
	Survivant 00	89
	Adam Bien	79
	Wim Verreycken	68
	Gopal Jorapur	52

Sort by 1 to 10 of about 1705

- [\[FishCAT\] Please start testing b28. Thanks !](#)
 There are a few bugs missed in b27, which got quickly fixed in b28. Please try this b28 if you have some time and please let us know for any issue. Happy Fishcatting ! Judy GlassFish V3 Prelude Release Schedule:
 Today 10:20pm - Judy Tang - net.java.dev.glassfish.quality
- [Welcome 50+ new GlassFish Quality Community Members !](#)
 I would like to welcome 50+ new members joined our GlassFish Quality Community in last two months. Many of them are FishCAT members, some are students and community members from different part of the world, and some are Sun coworkers to join here to help out the quality community. Thank you so
 Today 4:03pm - Judy Tang - net.java.dev.glassfish.quality
- [Re: b27 installer ate my desktop](#)
 Sorry, we picked up OI build which was supposed to have both the fix for this and changes in MacOS platform support but apparently we got the wrong bits and fix is missing. We have new OI drop now and will integrate it for build 28 which will have to be available very shortly...

V3 EO, Xä<

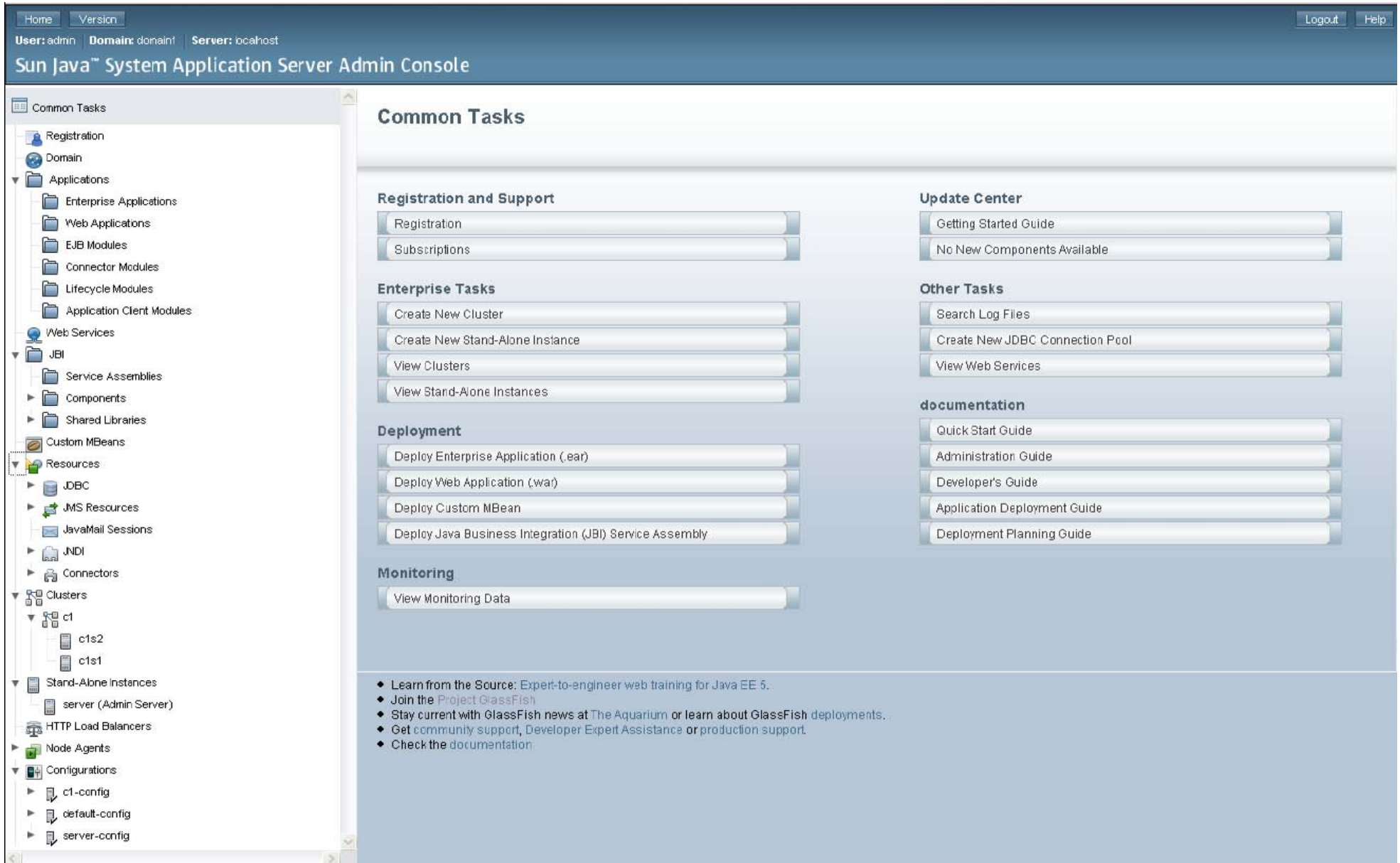
- **U**
 - > V3 **U** 40M (V2 62M)
 - > **U**
 - > **U** Tomcat
 - > **U**
- V)r),,
 - > Profile
 - > **U**
 - > HK2 <https://hk2.dev.java.net/>
 - > **U** 100K,XY (Hundred Kilobytes Kernel)

1TQ V3 1uA



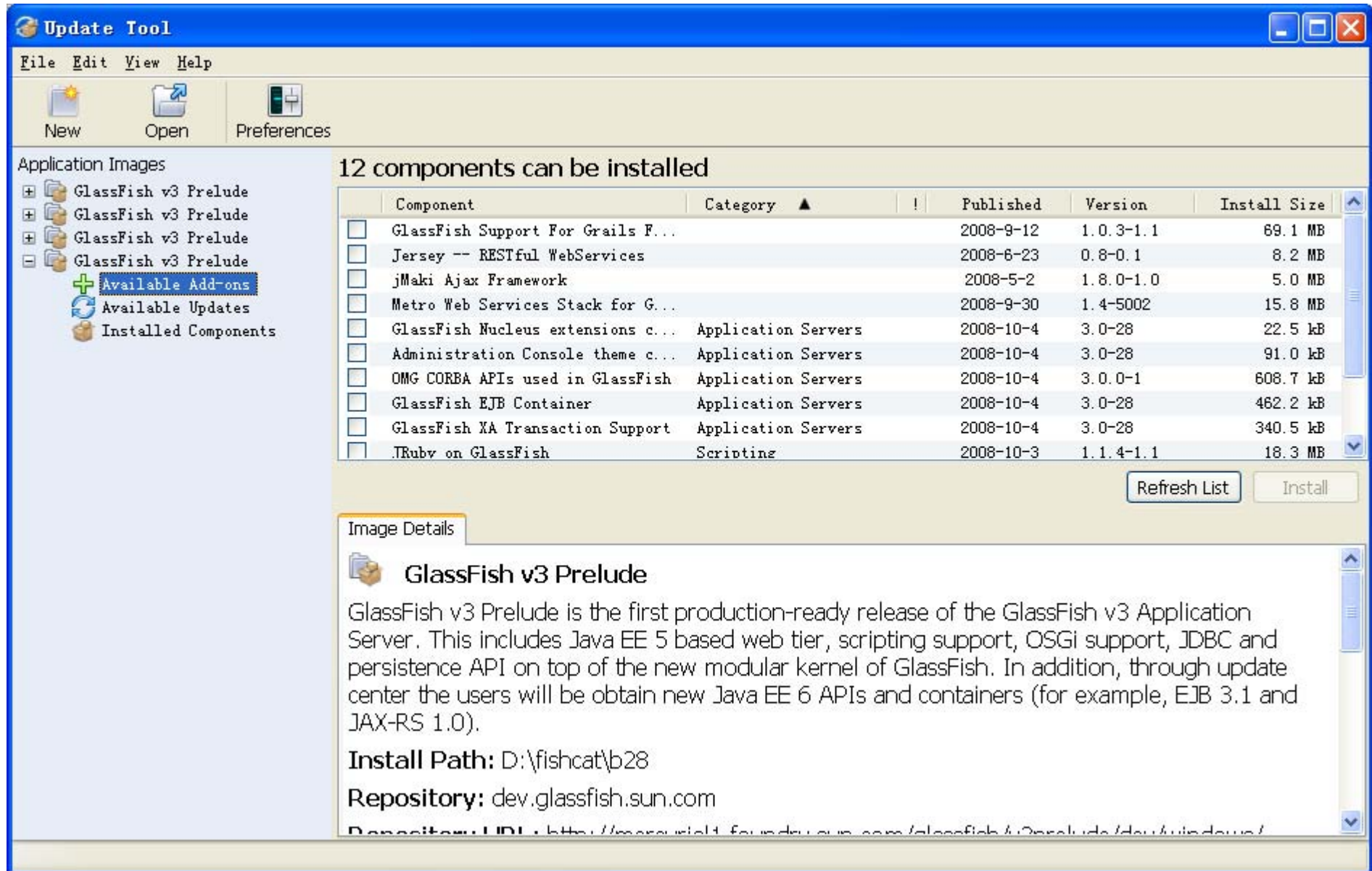
The screenshot shows the GlassFish v3 Prelude Administration Console. At the top, there are tabs for 'Home' and 'Version', and a 'Help' button. Below this, the user information is displayed: 'User: anonymous | Domain: domain1 | Server: localhost'. The main title is 'GlassFish v3 Prelude Administration Console'. On the left side, there is a 'Common Tasks' sidebar with a tree view containing: Registration, Application Server, Applications (with a sub-item 'Web Applications'), Resources (with sub-items 'JDBC', 'JDBC Resources', and 'Connection Pools'), Configuration (with sub-items 'Web Container', 'HTTP Service', 'Monitoring', and 'Security'), and Update Tool. The main content area is titled 'Common Tasks' and is divided into several sections: 'Registration and Support' with buttons for 'Registration' and 'Subscriptions'; 'Deployment' with a button for 'Deploy Web Application (.war)'; 'Monitoring' with buttons for 'View Monitoring Data' and 'Configure Monitoring'; 'Documentation' with buttons for 'Quick Start Guide', 'Administration Guide', 'Developer's Guide', and 'Application Deployment Guide'; and 'Update Center' with buttons for 'Installed Components' and 'Update'. At the bottom, there is a banner for 'New GlassFish Admin Training' with the text 'Learn how to install, configure & administer GlassFish with downloadable labs! Get It'.

V2, Жүз



The screenshot shows the Sun Java System Application Server Admin Console interface. At the top, there are navigation links for 'Home' and 'Version', and user information: 'User: admin', 'Domain: domain1', and 'Server: localhost'. The main title is 'Sun Java™ System Application Server Admin Console'. On the left is a tree view of the system components, including 'Common Tasks', 'Registration', 'Domain', 'Applications', 'Web Services', 'JBI', 'Custom MBeans', 'Resources', 'Clusters', 'Stand-Alone Instances', 'HTTP Load Balancers', 'Node Agents', and 'Configurations'. The main content area is titled 'Common Tasks' and is divided into several sections: 'Registration and Support' (with buttons for 'Registration' and 'Subscriptions'), 'Enterprise Tasks' (with buttons for 'Create New Cluster', 'Create New Stand-Alone Instance', 'View Clusters', and 'View Stand-Alone Instances'), 'Deployment' (with buttons for 'Deploy Enterprise Application (.ear)', 'Deploy Web Application (.war)', 'Deploy Custom MBean', and 'Deploy Java Business Integration (JBI) Service Assembly'), 'Monitoring' (with a button for 'View Monitoring Data'), 'Update Center' (with buttons for 'Getting Started Guide' and 'No New Components Available'), 'Other Tasks' (with buttons for 'Search Log Files', 'Create New JDBC Connection Pool', and 'View Web Services'), and 'documentation' (with buttons for 'Quick Start Guide', 'Administration Guide', 'Developer's Guide', 'Application Deployment Guide', and 'Deployment Planning Guide'). At the bottom, there is a list of links for learning more about Java EE 5, joining Project GlassFish, staying current with GlassFish news, getting community support, and checking the documentation.

V3,



Update Tool

File Edit View Help

New Open Preferences

Application Images

- GlassFish v3 Prelude
- GlassFish v3 Prelude
- GlassFish v3 Prelude
- GlassFish v3 Prelude
- Available Add-ons
- Available Updates
- Installed Components

12 components can be installed

Component	Category	Published	Version	Install Size
<input type="checkbox"/> GlassFish Support For Grails F...		2008-9-12	1.0.3-1.1	69.1 MB
<input type="checkbox"/> Jersey -- RESTful WebServices		2008-6-23	0.8-0.1	8.2 MB
<input type="checkbox"/> jMaki Ajax Framework		2008-5-2	1.8.0-1.0	5.0 MB
<input type="checkbox"/> Metro Web Services Stack for G...		2008-9-30	1.4-5002	15.8 MB
<input type="checkbox"/> GlassFish Nucleus extensions c...	Application Servers	2008-10-4	3.0-28	22.5 kB
<input type="checkbox"/> Administration Console theme c...	Application Servers	2008-10-4	3.0-28	91.0 kB
<input type="checkbox"/> OMG CORBA APIs used in GlassFish	Application Servers	2008-10-4	3.0.0-1	608.7 kB
<input type="checkbox"/> GlassFish EJB Container	Application Servers	2008-10-4	3.0-28	462.2 kB
<input type="checkbox"/> GlassFish XA Transaction Support	Application Servers	2008-10-4	3.0-28	340.5 kB
<input type="checkbox"/> JRuby on GlassFish	Scripting	2008-10-3	1.1.4-1.1	18.3 MB

Refresh List Install

Image Details

GlassFish v3 Prelude

GlassFish v3 Prelude is the first production-ready release of the GlassFish v3 Application Server. This includes Java EE 5 based web tier, scripting support, OSGi support, JDBC and persistence API on top of the new modular kernel of GlassFish. In addition, through update center the users will be obtain new Java EE 6 APIs and containers (for example, EJB 3.1 and JAX-RS 1.0).

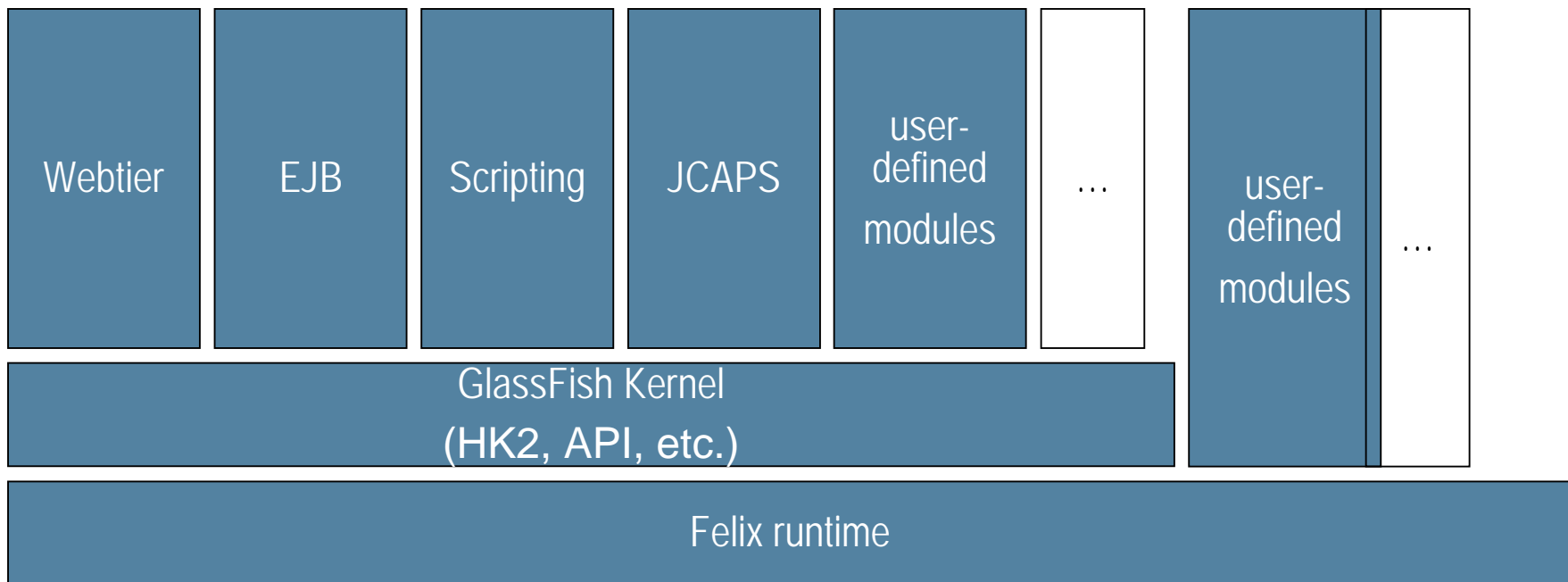
Install Path: D:\fishcat\b28

Repository: dev.glassfish.sun.com

Repository URL: <http://mercurial.foundry.sun.com/glassfish/3prelude/dev/windows/>

V3

- Guava Maven 2
- V3 OSGi, Xh
- > Guava Felix (OSGi, Xr)
- HK2 OSGi, XG6



OSGi 1Tÿ

- (Bundle)E
- P
 - > e, X
 - > E OSGi, X Console1u)Ú Bundle
- A
 - > ay. (service provider interfaces)
 - > n) & (extensibility points)

GlassFish, XM

- Ú GlassFish0p (library)9Sč
- 0, X 0 GlassFish
- s asadmin, Xs6)N(E), „
- 0
 - > #©
 - > #n7?ã V3
 - > 6A, 0



GlassFish, ~~WAR~~ ©

```
public void testServlet() throws Exception {
    int port = 9999;
    GlassFish glassfish = new GlassFish(port);
    URL url = new URL("http://localhost:" + port + "/test" + "/SimpleServlet");
    BufferedReader br = new BufferedReader(
        new InputStreamReader(url.openConnection().getInputStream()));
    assertEquals("Wow, I'm embedded!", br.readLine());
    glassfish.stop()x
}
```

```
private GlassFish newGlassFish(int port) throws Exception {
    GlassFish glassfish = new GlassFish(port);
    ScatteredWar war = new ScatteredWar(NAME,
        new File("src/main/resources"),
        new File("src/main/resources/WEB-INF/web.xml"),
        Collections.singleton(new File("target/classes").toURI().toURL()));
    glassfish.deploy(war);
    return glassfish;
}
```



Java EE 6, ~~JSR 308~~, ~~JSR 309~~, 1Tê

- ~~JSR 308~~ (Extensibility)
 - > ~~JSR 308~~, ~~JSR 309~~
 - > ~~JSR 308~~
- Profiles
 - > A = Servlet container
 - > B = A+ EJB 3.1, WebBeans, JTA and JPA
 - > C(full platform) = B+ JMS, JCA, JAX-xxx...
- ~~JSR 308~~ (Pruning)
 - > "pruned now, optional in next release"
 - > Pruning ~~JSR 308~~: JAX-RPC, EJB Entity Beans...
- SOA, ~~JSR 308~~
 - > SCA (Service Component Architecture)