



Desenvolvimento de Software para WEB

Aula 15 - Webservice REST

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Introdução

- Construir um webservice REST com Java
 - GET
 - POST
 - PUT
 - DELETE
- Seguir o padrão arquitetural MVC
- Utilizar o padrão de projeto DAO para persistência de dados (em memória)

New Shift+Alt+N

Open File...

Open Projects from File System...

Recent Files

Close Ctrl+W

Close All Shift+Ctrl+W

Save Ctrl+S

Save As...

Save All Shift+Ctrl+S

Revert

Move...

Rename... F2

Refresh F5

Convert Line Delimiters To

Print... Ctrl+P

Import...

Export...

Properties Alt+Enter

Switch Workspace

Restart

Exit

Java Project

Enterprise Application Project

Dynamic Web Project

EJB Project

Connector Project

Application Client Project

Static Web Project

JPA Project

Project...

Servlet

Session Bean (EJB 3.x)

Message-Driven Bean (EJB 3.x)

Web Service

Folder

File

Example...

Other... Ctrl+N

Quick Access

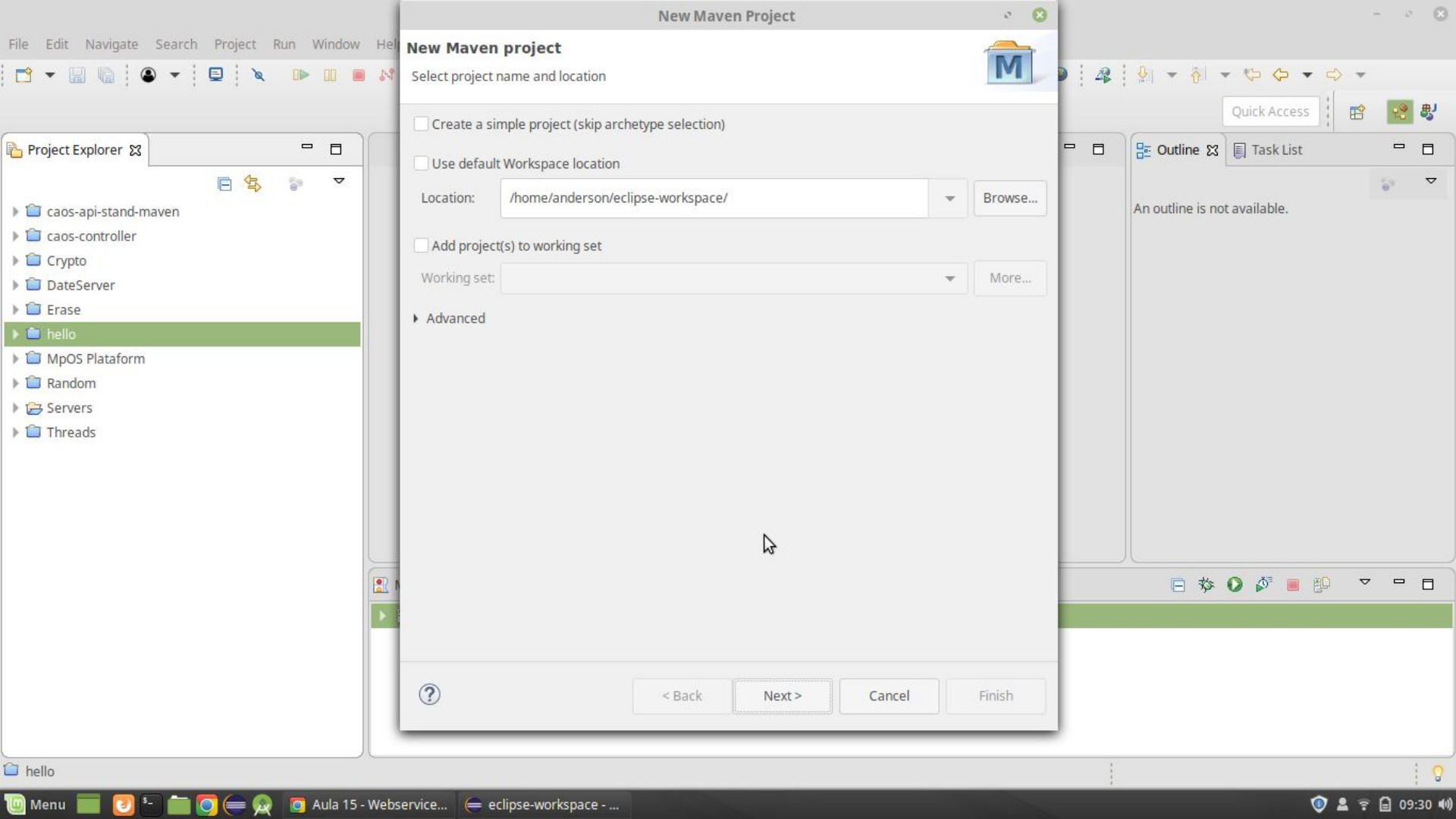
Outline

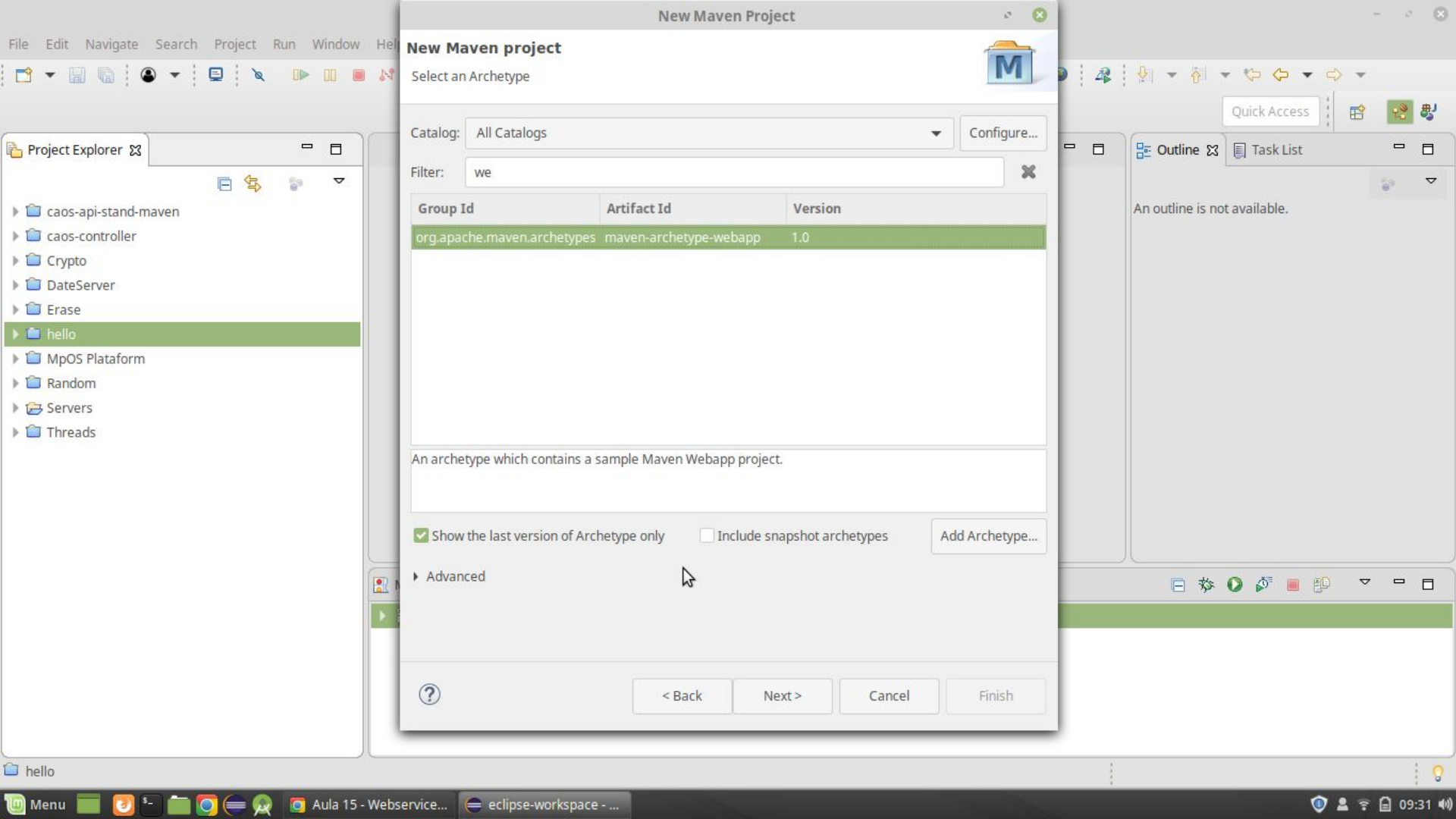
Task List

An outline is not available.

Markers Properties Servers Data Source Explorer Snippets Problems Console

Tomcat v8.0 Server at localhost [Stopped]





New Maven project

Select an Archetype

Catalog: All Catalogs

Configure...

Filter: we

Group Id	Artifact Id	Version
org.apache.maven.archetypes	maven-archetype-webapp	1.0

An archetype which contains a sample Maven Webapp project.

☒ Show the last version of Archetype only

☐ Include snapshot archetypes

Add Archetype...

Advanced

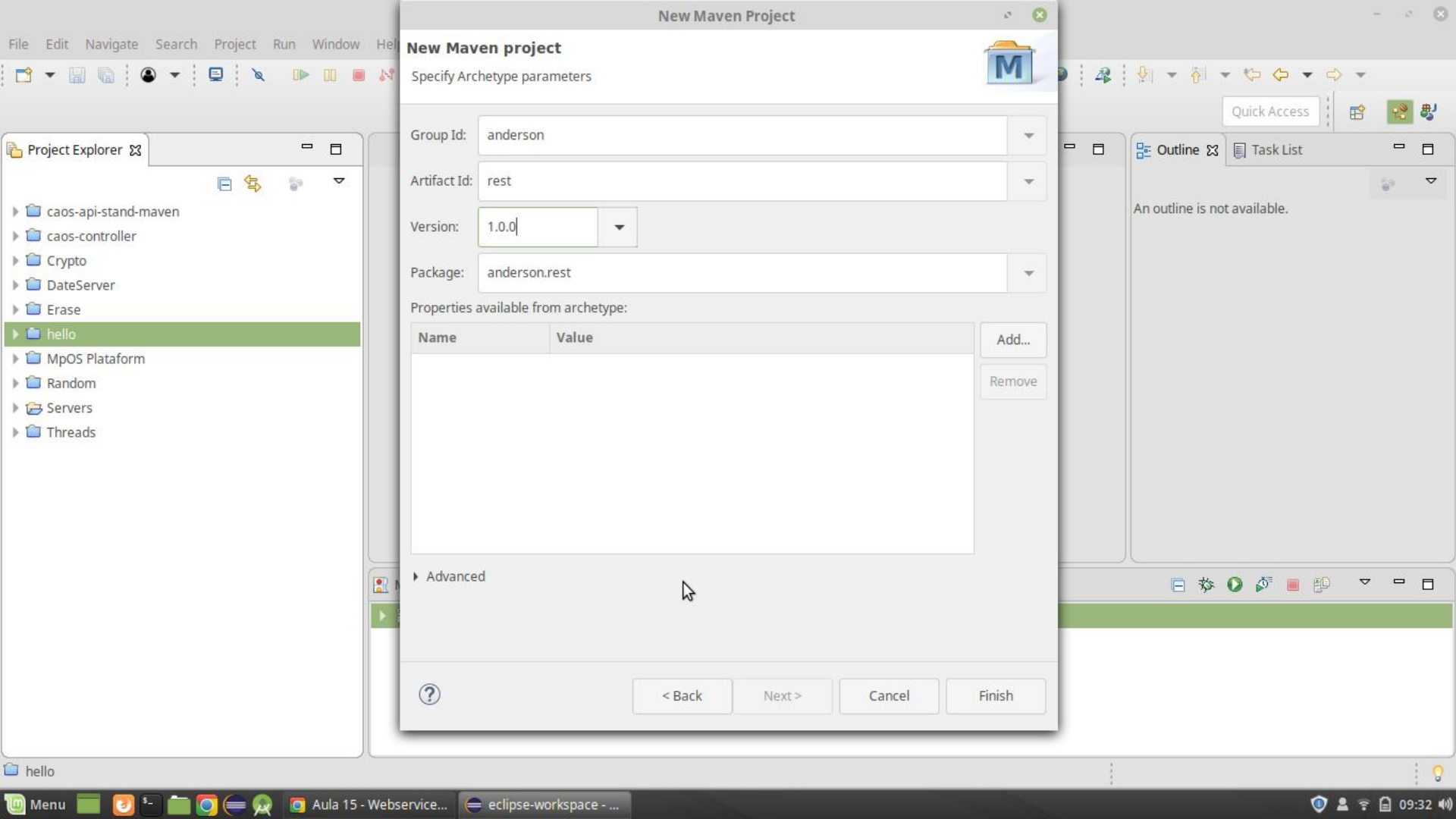


< Back

Next >

Cancel

Finish



New Maven Project

New Maven project

Specify Archetype parameters

Group Id:

Artifact Id:

Version:

Package:

Properties available from archetype:

Name	Value	Add...	Remove

Advanced

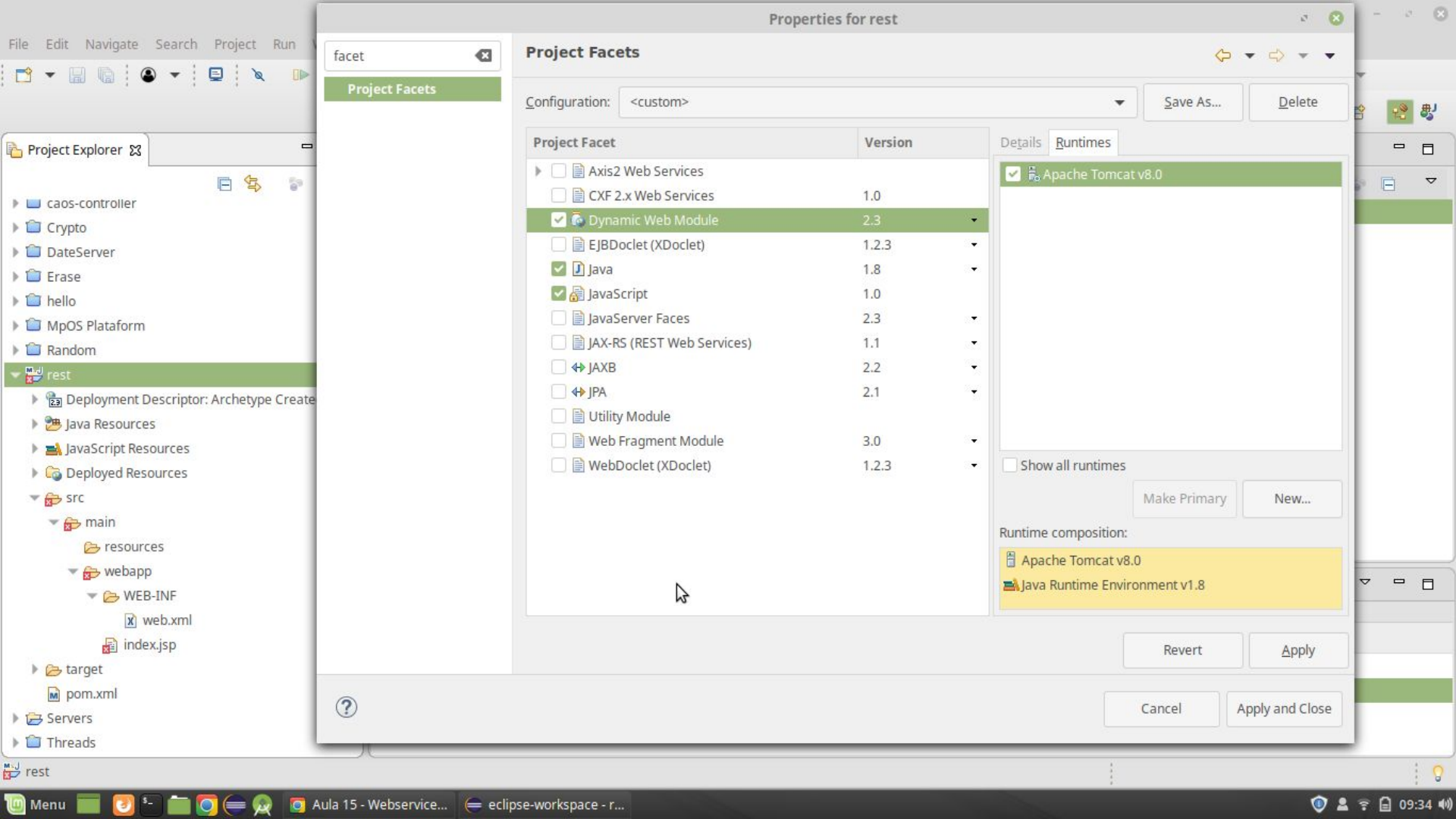


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Cancel

Finish



File Edit Source Refactor Navigate Search Project Run Window Help



Project Explorer

- DateServer
- Erase
- hello
- MpOS Plataform
- Random
- rest
 - Deployment Descriptor: Exemplo de REST
 - Java Resources
 - src/main/java
 - rest.controller
 - UserService.java
 - rest.dao
 - UserDAO.java
 - rest.model
 - User.java
 - src/main/resources
 - Libraries
 - JavaScript Resources
 - Deployed Resources
 - src
 - main
 - java
 - resources

web.xml rest/pom.xml UserDao.java User.java UserService.java

```
1 package rest.controller;
2
3 public class UserService {
4
5 }
6
```

Outline Task List

rest.controller

- UserService

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0 items

Description	Resource	Path	Location	Type
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rest.dao.UserDAO.java - rest/src/main/java

pom.xml

- <https://pastebin.com/19JzhdVV>

web.xml

- <https://pastebin.com/Qhtqzee7>

rest.model.User

- <https://pastebin.com/GbdazJT9>

rest.dao.UserDAO

- <https://pastebin.com/vvgmXGwE>

rest.controller.UserService

- <https://pastebin.com/2uZdi22d>

API - Index.jsp

```
<html>
<body>
<h2>Webservice Rest - Projeto</h2>
/api<br>
<h3 style="text-indent:20px;">Resource</h3>
<p style="text-indent:20px;">/users</p>
    <h3 style="text-indent:40px;">For search by username:</h3>
    <p style="text-indent:40px;">/search?username={username}</p>
</body>
</html>
```



Dúvidas??

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