



XVII. Community Meeting

CaptainCasa

JEE Jakarta

JEE => Jakarta



JEE

javax.servlet.*
javax.*



Jakarta

jakarta.servlet.*
jakarta.*

JEE => Jakarta

JEE

ecIntjsfserverRISC
elcnjsfserver_jsfimpl
ecIntpbc
ecIntccee
ecIntccee_spring
ecInteditor_springboot

ecIntjsfserverRISC_jakarta
ecIntpbc_jakarta
ecIntccee_jakarta

ecIntccee_spring_jakarta
ecInteditor_springboot_jakarta

jaka
jakarta.*

CaptainCasa and Jakarta

JEE

Jakarta

ecIntjsfserverRISC

ecIntjsfserverRISC
_jakarta

ecIntjsfserverRISC
_jsf

reference
implementation

CaptainCasa and Jakarta

JEE

Jakarta

ecIntjsfserverRISC

ecIntjsfserverRISC

org.ecInt.jsfserver.base.faces.ActionEvent
org.ecInt.jsfserver.base.faces.context.FacesContext

ecIntjsfserverRISC
_jsf

javax.faces.ActionEvent
javax.faces.context.FacesContext

CaptainCasa

CaptainCasa

CaptainCasa and Jakarta

JEE

Jakarta

ecIntjsfserverRISC

ecIntjsfserverRISC

org.ecInt.jsfserver.base.faces.ActionEvent
org.ecInt.jsfserver.base.faces.context.FacesContext

ecIntjsfserverRISC
_jsf

javax.faces.ActionEvent
javax.faces.context.FacesContext

CaptainCasa

CaptainCasa

CaptainCasa inside

JEE

```
...  
import javax.faces. ...  
  
public void onActionEvent(javax.faces.face ...  
{  
    ...  
}
```

1. Execute code replacements
2. Build in different .jar environments

Jakarta

CaptainCasa inside

JEE

```
...  
import javax.faces. ...  
  
public void onActionEvent(javax.faces. ... )  
{  
    ...  
}
```

```
public static String transferCode(String code, boolean withEnvironmentCheck)  
{  
    if (withEnvironmentCheck == true && VersionXml.checkIfJakarta() == false)  
        return code;  
    if (code == null) return null;  
    // Pay attention: this code is transferred itself during the build! So  
    // the contained replacements must not be replaced themselves!  
    code = code.replace("throws Jsp"+"Exception","throws Exception"); // BaseComponentTag  
    code = code.replace("import java"+"x.servlet.jsp.JspException;",""); // BaseComponentTag  
    code = code.replace("j"+"avax.servlet." , "jakarta.servlet.");  
    code = code.replace("j"+"avax.el." , "jakarta.el.");  
    code = code.replace("j"+"avax.websocket." , "jakarta.websocket.");  
    code = code.replace("j"+"avax.xml.bind." , "jakarta.xml.bind.");  
    code = code.replace("j"+"avax.xml.transform." , "jakarta.xml.transform.");  
    code = code.replace("j"+"avax.faces;" , "org.eclnt.jsfserver.base.faces;");  
    code = code.replace("j"+"avax.faces." , "org.eclnt.jsfserver.base.faces.");  
    code = code.replace("j"+"avax.faces.event." , "org.eclnt.jsfserver.base.faces.event.");  
    return code;  
}
```

1. Execute code replacements
2. Build in different .jar environments

Jakarta

CaptainCasa inside

JEE

CaptainCasa is „lucky“

Quite reduced set of dependencies

Only dependencies to „well-known“ libraries

```
public static String transferCode(String code, boolean withEnvironmentCheck)
{
    if (withEnvironmentCheck == true && VersionXml.checkIfJakarta() == false)
        return code;
    if (code == null) return null;
    // Pay attention: this code is transferred itself during the build! So
    // the contained replacements must not be replaced themselves!
    code = code.replace("throws Jsp"+"Exception","throws Exception"); // BaseComponentTag
    code = code.replace("import java"+"x.servlet.jsp.JspException;",""); // BaseComponentTag
    code = code.replace("javax.servlet.","jakarta.servlet.");
    code = code.replace("javax.el.","jakarta.el.");
    code = code.replace("javax.websocket.","jakarta.websocket.");
    code = code.replace("javax.xml.bind.","jakarta.xml.bind.");
    code = code.replace("javax.xml.transform.","jakarta.xml.transform.");
    code = code.replace("org.eclint.jsfserver.base.faces;","");
    code = code.replace("org.eclint.jsfserver.base.faces;","");
    code = code.replace("org.eclint.jsfserver.base.faces.event;","");
}
```

code replacements
2. Built in different .jar environments

Jakarta

Version 7 of CaptainCasa

- Version 6
 - JEE default
 - Jakarta as same-level alternative
- Version 7
 - Jakarta default
 - JEE as same-level alternative