

Scenery Manager

A tool to help template developers

The big picture

The problem

- You can't develop without tests
- To test a template (jsp, velocity, free maker...), you need all-that-messy-server-side stuff done
 - You have to wait!
 - Damn dependency!

But, what if...

- ...we could get the server-side behavior even before it's done?
 - It would break the dependency
 - Can we?

Yes, we can!

- Just export a set of (fake) data and access it within the template
- Which means...

Instead of...

HelloAction

export "name"

Hello, \$name!

Server-side component

- Final version
- Maybe not ready
- hello.do

Template: hello.vm

...try this

fake "hello.do"

export "name"

Hello, \$name!

Template: hello.vm

name = "John";

Fake data file

Scenery manager

- Helps to get this job done
- It assigns URLs to...
 - a fake data file
 - and a template

Scenery manager

- And when you access that URL
 - It “merges” both files
 - Then shows you the result

Scenery manager

- Develop and test your template with freedom
- Stress different scenarios
- Minimum overhead
- Useful even when the server-side component is done
- Not a prototype solution, but can be used so

The basics

Steps

1. Register the scenery servlet/action/whatever handler
2. Assign an URL to a template and a data file
3. Develop the template
4. Write the data file
5. Test it: access that URL

Register the SceneryAction

- This example: struts 1
 - Other frameworks are supported
- Register the SceneryAction as the default action (struts config.xml)

```
<action  
  path="/"  
  type="br.com.devx.scenery.web.SceneryAction"  
  unknown="true"  
  validate="true"  
  name="defaultForm"/>
```


Assign an URL: WEB-INF/scenery.xml

```
<scenery-manager encoding="ISO-8859-1">
```

```
  <scenery-set uri="hello.do"  
    template="hello.vm"  
    data="hello.scn" />
```

...

Develop the template

- Example: hello.vm
- Hello,
\$user.name!

Contacts:

#foreach(\$contact in \$contacts)
 \$contact
#end

Write the data file

- Example: hello.scn

- ```
user = {
 login = "gandalf";
 name = "Alexandre Gandra";
};
contacts = collection: { "Danilo Prates",
 "Tiago Canzian" };
```

- Looks like JSON



# Do you want to learn more?

- Examples
- Scenery file format (.scn) reference
- Advanced scenery.xml guide