

StreamingAddResource

How to get [StreamAddResource](#) up and running

Setup the new [AddResource](#) implmentation in your web.xml

```
<context-param>
  <param-name>org.apache.myfaces.ADD_RESOURCE_CLASS</param-name>
  <param-value>org.apache.myfaces.component.html.util.StreamingAddResource</param-value>
</context-param>
```

and use the new t:document* tags in your jsp

- t:document as replacement for html
- t:documentHead as replacement for head
- t:documentBody as replacement for body

These new document tags are somewhat special, there are two mode how you can use them.

The classical way

```
<f:view>
<t:document>
<t:documentHead>
<title>the title</title>
</t:docmentHead>
<t:documentBody>
your body
</t:documentBody>
</t:document>
</f:view>
```

and a somewhat special way if you would like to place e.g. the documentBody in your header/footer includes

```
<f:view>
<t:document>
<t:documentHead>
<title>the title</title>
</t:docmentHead>
<t:documentBody state="start" />
your body
<t:documentBody state="end" />
</t:document>
</f:view>
```

this state attribute is available on all document Tags. Notice that these tags are self-closing tags then. For now at least a

```
<t:documentBody state="end" />
```

and

```
<t:documentHeader state="end" />
```

IS REQUIRED and you CAN NOT use these document tags without the new [StreamingAddResource](#). I'll fix this limitation as soon as possible.

Also there are a couple of attributes needed at documentBody to be a full replacement for the html body tag but this will be done by someone else soon 😊

I hope there are not too many bugs.

Have fun!

Caveats

There are changes in behaviour between [StreamingAddResources](#) and and the [DefaultAddResource](#). Those are documented here

CSS loading on head

CSS loaded at head location are loaded using an intermediate stylesheet, that "import" the files your requested. So instead of

```
<head>
  <link rel="stylesheet" href="org.apache.myfaces.renderkit.html.util.MyFacesResourceLoader/12003983/component
/css1.css" type="text/css" />
  <link rel="stylesheet" href="org.apache.myfaces.renderkit.html.util.MyFacesResourceLoader/12003983/component
/css2.css" type="text/css" />
  ....
```

You will get

```
<head>
  <link rel="stylesheet" href="/webapp/faces/myFacesExtensionResource/org.apache.myfaces.component.html.util.
StreamingResourceLoader/12003983/1566/header.css" type="text/css" />
```

and the header.css will contain @import() rules

Javascript on head

If some of your components that absolutely requires Javascript on head (so that script get executed, for whatever reason, before <body> is reached), this component probably uses `addResources.addJavaScriptAtLocation(... AddResources.LOCATION_HEAD ...)`. [StreamingAddResource](#) will silently fallback to loading the javascript at current position instead of head.