How Sling will Call the Script on the basis of url?

Have a page /content/SlingProject/English/test.html which has resourceType SlingProject/components/page/basepage?

We have 4 script files at "SlingProject/components/page/basepage":

1. basepage.html.jsp

2. basepage.jsp

3. html.jsp

4. GET.jsp

Solution

The rules for script path prioritization are defined as follows:

- The more request selectors are matched, the better
- A script including the request extension matches better than one without a request extension (for html only)
- A script found earlier matches better than a script found later in the processing order. This means, that script closer to the original resource type in the resource type hierarchy is considered
- earlier.

(1) Script Location

Scripts to handle the processing or a resource are looked up in a single location:

{scriptPathPrefix}/{resourceTypePath}

Where {scriptPathPrefix}

is an absolute path prefix (as per ResourceResolver.getSearchPath()) to get absolute paths and

{resourceTypePath} is the resource type converted to a path. If the {resourceTypePath}

is actually an absolute path, the

{scriptPathPrefix}

is not used.

(2) Within the location(s) found through above mechanism a script is searched whose script name matches the pattern

{resourceTypeLabel}.{selectorString}.{requestMethod}.{requestExtension}.{scriptExtension}

where the fields have the following meaning:

{resourceTypeLabel}

- the last segment of the

{resourceTypePath}

(see above)

This part is required. Only scripts whose name starts with this name are considerd

{selectorString}

- the selector string as per RequestPathInfo.getSelectorString

This part is optional. The more selectors of the selector string match, the

better.

{requestMethod}

The request method name. This is optional for GET or HEAD requests
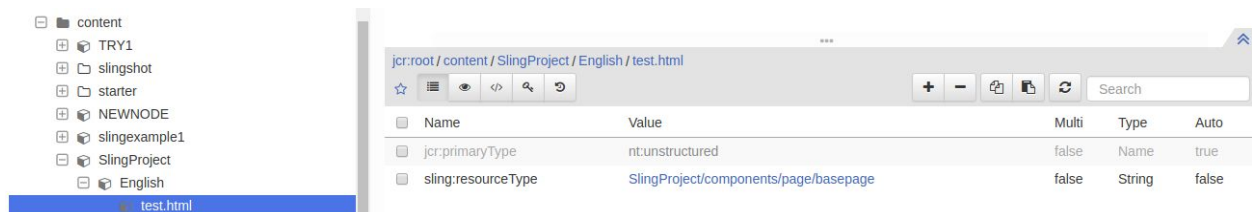and is required for non-GET/non-HEAD requests

{requestExtension}

The extension of the request. This is optional.

{scriptExtension}

The extension indicating the script language. Not used for selecting
the script but for selecting the ScriptEngine. This is of course not existing
for servlets.

If multiple scripts would apply for a given request, the script with the best
match is selected. Generally speaking a match is better if it is more specific.
More in detail, a match with more selector matches is better than a match with
less selector matches, regardless of any request extension or method name
match.

apps
  composum
  DHRUVTRY1
  DHRUVTRY2
  DHRUVTRY3
  DHRUVTRY4
  DHRUVTRY5
  example
  NEWNODE
  repl
  sling
  SlingProject
    components
      page
        basepage
          basepage.html.jsp
          basepage.jsp
          GET.jsp
          html.jsp

jcr:root / apps / SlingProject / components / page / basepage

Search

	Name	Value	Multi	Type	Auto
	jcr:primaryType	nt:unstructured	false	Name	true

← → C ⓘ localhost:8080/SlingProject/English/test.html

GET.jsp

← → C ⓘ localhost:8080/SlingProject/English/test.html.html

basepage.html.jspaaaaaaaaaaaaaaaaaaaa

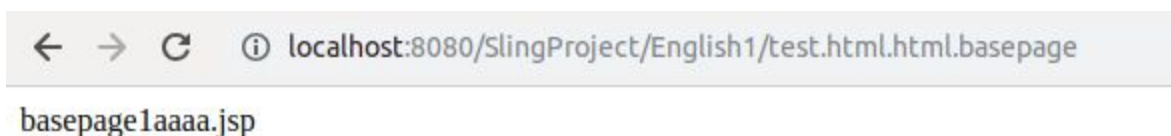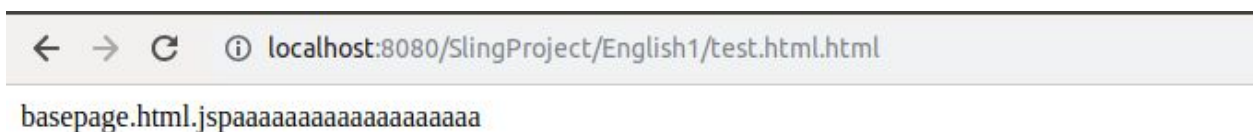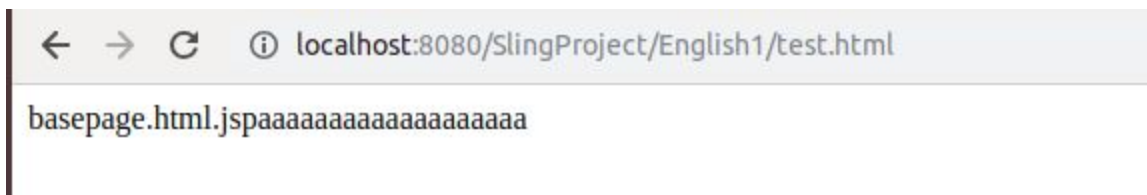← → C ⓘ localhost:8080/SlingProject/English/test.html.basepage
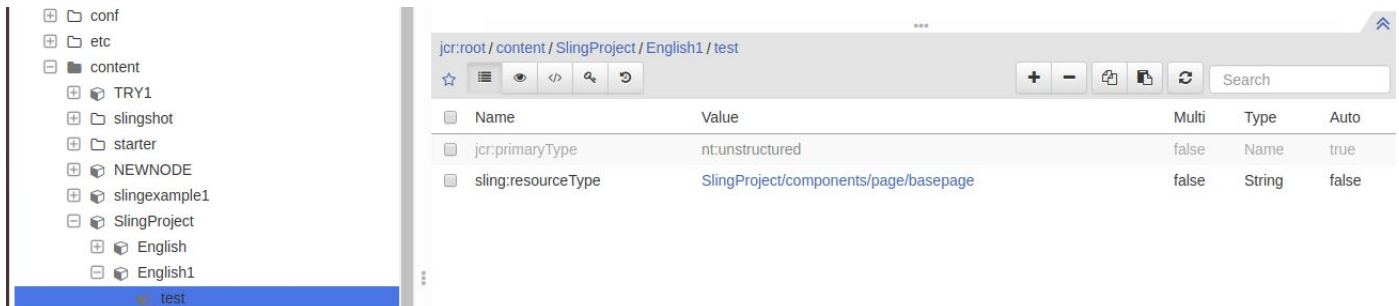
basepage1aaaa.jsp

basepage.html.jspaaaaaaaaaaaaaaaaaaaa

Have a page /content/SlingProject/English1/test which has resourceType SlingProject/components/page/basepage?

We have 4 script files at "SlingProject/components/page/basepage":

1. basepage.html.jsp

2. basepage.jsp

3. html.jsp

4. GET.jsp

jcr:root / content / SlingProject / English1 / test

	Name	Value	Multi	Type	Auto
	jcr:primaryType	nt:unstructured	false	Name	true
	sling:resourceType	SlingProject/components/page/basepage	false	String	false

← → C ⓘ localhost:8080/SlingProject/English1/test.html

basepage.html.jspaaaaaaaaaaaaaaaaaaaa

← → C ⓘ localhost:8080/SlingProject/English1/test.html.html

basepage.html.jspaaaaaaaaaaaaaaaaaaaa

← → C ⓘ localhost:8080/SlingProject/English1/test.html.html.basepage

basepage1aaaa.jsp

basepage.html.jspaaaaaaaaaaaaaaaaaaa

GET.jsp