

## Wt - Bug #8972

### WResource::setInternalPath does not work

08/17/2021 12:38 PM - Geert Verbruggen

<b>Status:</b>	Resolved	<b>Start date:</b>	08/17/2021
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Korneel Dumon	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.6.0		

**Description**

Following code works fine:

```
myResource_ = std::make_unique<MyResource>();
//myResource_>setInternalPath("myresource");
root()->addWidget(std::make_unique<WAnchor>(WLink(myResource_>url(), "Resource"));
```

(with MyResource subclass of WResource)  
Clicking on the link displays the content generated by myResource\_, as expected

However when the second line is uncommented the clicking on the link returns a 403 forbidden error.  
Also entering the url as

```
http://myresource or http://?_=myresource
```

does not work. Tested with Wt 4.5.0

#### History

##### #1 - 08/17/2021 12:42 PM - Geert Verbruggen

Update: urls at the end are wrong (part was interpreted as markdown)  
should be:

```
http://myserver/myresource or http://myserver/?_=myresource
```

##### #2 - 08/17/2021 04:09 PM - Geert Verbruggen

Cause of the error seems to be that `&request=resource` is not added to the url for a WResource with internalPath set.

As a consequence `requestForResource` evaluates to false at `WebSession.C`, line 1328, and request handling ends at `WebSession.C` line 1385:

```
if (env_->ajax()
    && isEqual(request.requestMethod(), "GET")
    && !requestForResource
    && conf.reloadIsNewSession()
    && wtdE && *wtdE == sessionId_) {
    LOG_SECURE("Unexpected GET request with wtd of existing Ajax session");
    serveError(403, handler, "Forbidden");
    return;
}
```

##### #3 - 08/23/2021 01:20 PM - Korneel Dumon

- Status changed from New to InProgress

- Assignee set to Korneel Dumon

Thanks for reporting. Seems to be a regression because of <https://redmine.webtoolkit.eu/issues/7585>

##### #4 - 08/24/2021 01:47 PM - Korneel Dumon

- Status changed from InProgress to Review

##### #5 - 08/24/2021 04:25 PM - Korneel Dumon

- Target version set to 4.7.0

**#6 - 09/21/2021 02:21 PM - Roel Standaert**

- Status changed from Review to Implemented @Emweb

- Target version changed from 4.7.0 to 4.6.0

**#7 - 09/21/2021 02:29 PM - Roel Standaert**

- Status changed from Implemented @Emweb to InProgress

**#8 - 09/28/2021 04:13 PM - Roel Standaert**

- Status changed from InProgress to Resolved

**#9 - 09/28/2021 04:13 PM - Roel Standaert**

- % Done changed from 0 to 100