

TYPO3.Flow - Bug #35720

Access denied Exception for widget links to actions with a policy

2012-04-05 13:42 - Johannes K

Status:	New	Start date:	2012-04-05
Priority:	Must have	Due date:	
Assignee:		% Done:	0%
Category:	Security	Estimated time:	0.00 hour
Target version:		Complexity:	
PHP Version:			
Has patch:	No		

Description

In TYPO3\FLOW3\Security\Aspect\CsrfProtectionAspect::addCsrfTokenToUri() the detection for the target classname fails, if a link is generated via <f:link.widget />, so the link is missing the __csrfToken and you get an AccessDeniedException:

#1216919280: You are not allowed to perform this action. (More information)

TYPO3\FLOW3\Security\Exception\AccessDeniedException thrown in file .../Data/Temporary/Development/Cache/Code/FLOW3_Object_Classes/TYPO3_FLOW3_Security_Authorization_Interceptor_AccessDeny_Original.php in line 30.

Example to reproduce:
Use the paginate widget for an action with a policy

Related issues:

Is duplicate of TYPO3.Flow - Bug #27798: CSRF protection not working for form... **Accepted** **2011-07-01**

History

#1 - 2012-04-05 15:58 - Johannes K

The problem is that the CsrfProtectionAspect is woven into UriBuilder::build() (via "method(TYPO3\FLOW3\MVC\Web\Routing\UriBuilder->build())", but the arguments to determine the target Controller/Action are not yet merged into \$arguments, so the CsrfProtectionAspect has no way to check the action.

Possible solution: Use the following code and weave the CsrfProtectionAspect into UriBuilder::doBuild(), but maybe you guys have a better solution ;)

```
class UriBuilder {
...
    /**
     * Builds the URI
     *
     * @param array $arguments optional URI arguments. Will be merged with $this->arguments with precedence to
     $arguments
     * @return string The URI
     * @api
     */
    public function build(array $arguments = array()) {
        $arguments = \TYPO3\FLOW3\Utility\Arrays::arrayMergeRecursiveOverrule($this->arguments, $arguments);
        $this->mergeArgumentsWithRequestArguments($arguments);

        $this->doBuild($arguments);
    }

    protected function doBuild(array $arguments = array()) {
        // rest of the build function
    }
...
}
```