TYPO3.Flow - Major Feature #5659

Implement content security

2009-12-07 18:45 - Robert Lemke

Status:	Resolved		**Start date:**	2009-12-07
Priority:	Must have		**Due date:**	
Assignee:	Andreas Förthner		**% Done:**	0%
Category:	Security		**Estimated time:**	0.00 hour
Target version:				
PHP Version:			**Complexity:**	
Has patch:				

Description
This ticket is a placeholder for all commits related to content security. Obviously this feature still needs to be described properly. In general, content security will be handled by aspects affecting the persistence framework enforcing policies for all kinds of operations related to content (i.e. objects and their properties).

Related issues:			
Related to TYPO3.Flow - Feature #4960: There should be a Request hash check w...	**Resolved**	**2009-10-09**	
Related to TYPO3.Flow - Feature #3618: Extended ACL possibilities	**Closed**	**2009-06-08**	
Related to TYPO3.Flow - Task #6599: Implement new syntax for policy resources...	**Resolved**	**2010-02-25**	
Related to TYPO3.Flow - Task #6600: Remove the privilege concept vom ACLs	**Resolved**	**2010-02-25**	
Related to TYPO3.Flow - Task #6601: Introduce a new roles definition syntax i...	**On Hold**	**2010-02-25**	
Related to TYPO3.Flow - Feature #6604: Implement QueryRewriting according to ...	**Resolved**	**2010-03-04**	
Related to TYPO3.Flow - Feature #6605: Integrate the security policy into res...	**Resolved**		
Related to TYPO3.Flow - Feature #8463: Check security policy for objects reco...	**New**	**2010-06-23**	
Related to TYPO3.Flow - Feature #9968: Promote security publishing configurat...	**New**	**2010-09-28**	

Associated revisions

Revision 027a4016 - 2009-12-07 19:09 - Robert Lemke

[~TASK] FLOW3 (AOP): Removed the "Resource" sub package from the blacklisted sub packages because it now contains a class (Resource) which needs to be persistable.
[-FEATURE][!!!] FLOW3 (MVC): For now removed the request hash feature (HMAC) because it mocks a level of security for incoming data which it doesn't provide. The current mechanism effectively puts control over content security into Fluid templates and it doesn't belong there. Although there might be a need for a request hash, the content security must be implemented by other means. Relates to #4960 and relates to #5659.
[+FEATURE] FLOW3 (MVC): Implemented support for file uploads. Uploading files is cooperation between the Web Request Builder, the Property Mapper and the Resource sub package. The solution included in this commit provides handling of incoming files (including nested arguments) and transparent conversion into Resource objects. Resources (files) are only stored once, no matter how often they are uploaded or what original filename they carried. Still missing: view helper, documentation and automatic purging of unused resource files. Addresses #342.
[~API][!!!] FLOW3 (Property): Renamed the property mapper class to "PropertyMapper" (was just "Mapper" before). Relates to #5658
[+FEATURE] FLOW3 (Property): The Property Mapper now supports a mechanism called Object Converters. These convertes enable the mapper to convert strings, arrays or numbers to certain objects, for example a unix time stamp to a DateTime object. Resolves #5660.
[+FEATURE] FLOW3 (Reflection): Implemented the methods "isPropertySettable" and "isPropertyGettable" for the ObjectAccess class.
[~TASK] FLOW3 (Resource): Renamed the StreamWrapper class to StreamWrapperAdapter
[+FEATURE] FLOW3 (Resource): Implemented a ResourceObjectConverter which is capable of converting arrays or strings to Resource objects.
[+FEATURE] FLOW3 (Utility): Implemented a setValueByPath() method for the Array utilities class.
[+FEATURE] FLOW3 (Utility): Added support for the _FILES super global to the Environment class. The array of information about uploaded files can be obtained in a much cleaner way than PHP provides it by the new getUploadedFiles() method.

Revision 3536 - 2009-12-07 19:09 - Robert Lemke

[~TASK] FLOW3 (AOP): Removed the "Resource" sub package from the blacklisted sub packages because it now contains a class (Resource) which needs to be persistable.
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[+FEATURE] FLOW3 (Utility): Added support for the _FILES super global to the Environment class. The array of information about uploaded files can be obtained in a much cleaner way than PHP provides it by the new getUploadedFiles() method.

Revision 235c5d0a - 2010-02-10 18:59 - Andreas Förthner

- [+FEATURE] FLOW3 (AOP): If an advice is executed can now depend on runtime evaluations, which can be configured in the pointcut expression. Relates to #5659.
- [~BUGFIX] FLOW3 (AOP): Properties of the AOP proxy class are now prefixed by FLOW3_AOP_Proxy_. This fixes #6188.
- [~TASK] FLOW3 (AOP): Removed an unused function from the Framework class.

Revision 3823 - 2010-02-10 18:59 - Andreas Förthner

- [+FEATURE] FLOW3 (AOP): If an advice is executed can now depend on runtime evaluations, which can be configured in the pointcut expression. Relates to #5659.
- [~BUGFIX] FLOW3 (AOP): Properties of the AOP proxy class are now prefixed by FLOW3_AOP_Proxy_. This fixes #6188.
- [~TASK] FLOW3 (AOP): Removed an unused function from the Framework class.

Revision a8cc2883 - 2010-02-28 00:21 - Andreas Förthner

[+FEATURE] FLOW3 (Security): Implemented runtime evaluations support for policy resources. Resolves #6599, relates to #5659
[~TASK] FLOW3 (Security): Removed the old privileges concept. Now there is only one (implicit) access privilege. Resolves #6600, relates to #5659

Revision 3881 - 2010-02-28 00:21 - Andreas Förthner

[+FEATURE] FLOW3 (Security): Implemented runtime evaluations support for policy resources. Resolves #6599, relates to #5659
[~TASK] FLOW3 (Security): Removed the old privileges concept. Now there is only one (implicit) access privilege. Resolves #6600, relates to #5659

Revision 23ce4758 - 2010-06-23 14:31 - Andreas Förthner

- [+TASK] FLOW3 (Object): Added session scope related methods to the object manager and interface.
- [+FEATURE] FLOW3 (AOP): Added a matches operator as a new possibility for runtime evaluations.
- [+FEATURE] FLOW3 (AOP): Global objects available in runtime evaluations can now be configured in the settings. Resolves #6598.
- [+FEATURE] FLOW3 (Security): Implemented query rewriting according to the security policy. Relates to #5659, Resolves #6604.

Revision 4613 - 2010-06-23 14:31 - Andreas Förthner

- [+TASK] FLOW3 (Object): Added session scope related methods to the object manager and interface.
- [+FEATURE] FLOW3 (AOP): Added a matches operator as a new possibility for runtime evaluations.
- [+FEATURE] FLOW3 (AOP): Global objects available in runtime evaluations can now be configured in the settings. Resolves #6598.
- [+FEATURE] FLOW3 (Security): Implemented query rewriting according to the security policy. Relates to #5659, Resolves #6604.

History

#1 - 2009-12-08 06:27 - Sebastian Kurfuerst

I saw that you removed the request hash again, with the argument "... it puts content security into Fluid templates..."

I disagree here, it just makes sure that only displayed form fields can be updated as well. In particular this is crucial with the [__identity] property being set or not set, and I still think that this part should be determined from the Fluid template.

Curious about your ideas, how you want to solve this issue :-) Maybe we should make a phone call soon?

Greets,
Sebastian

#2 - 2010-01-13 12:01 - Robert Lemke

- Target version changed from 1.0 alpha 7 to 1.0 alpha 8

#3 - 2010-01-20 10:00 - Robert Lemke

- Status changed from New to Accepted

- Assignee changed from Robert Lemke to Andreas Förthner

#4 - 2010-03-02 17:10 - Andreas Förthner

- Target version changed from 1.0 alpha 8 to 1.0 alpha 9

Part I is implemented. Part II (QueryRewriting, see [#6604](#)) will be implemented for alpha9.

#5 - 2010-03-11 11:05 - Robert Lemke

- Tracker changed from Feature to Major Feature

#6 - 2010-05-28 17:39 - Robert Lemke

- Target version deleted (1.0 alpha 9)

#7 - 2011-01-07 11:12 - Andreas Förthner

- Status changed from Accepted to Resolved