

## TYPO3.Flow - Feature #27698

### Roles should use an adequate data type to get persisted as entities

2011-06-26 01:59 - Johannes K

<b>Status:</b> Resolved	<b>Start date:</b> 2011-06-26
<b>Priority:</b> Should have	<b>Due date:</b>
<b>Assignee:</b> Rens Admiraal	<b>% Done:</b> 100%
<b>Category:</b> Security	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> 2.0	<b>Complexity:</b>
<b>PHP Version:</b>	
<b>Has patch:</b> No	

**Description**

At the moment the roles of an account get saved as a php-serialized array inside "flow3\_security\_account", e.g.:

```
a:2:{i:0;s:12:"Adminstrator";i:1;s:4:"User";}
```

This is due to (in Packages/Framework/FLOW3/Classes/Security/Policy/Role.php)

```
/**
 * @var array
 */
protected $roles = array();
```

this should be something like this (untested, just to transport the idea, I have no idea of Doctrine)

```
/**
 * @var \Doctrine\Common\Collections\ArrayCollection<\F3\FLOW3\Security\Policy\Role>
 * @ManyToMany
 */
protected $roles = array();
```

so that they will get persisted as the already prepared entities `\F3\FLOW3\Security\Policy\Role`.

**Related issues:**

Related to TYPO3.Flow - Bug #28862: Inconsistent handling of roles as objects...	<b>Resolved</b>	<b>2011-08-09</b>
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### Associated revisions

#### Revision f0776fb3 - 2013-04-10 17:25 - Karsten Dambekalns

[!!!][FEATURE] Handle roles consistently as objects

With this change roles are consistently used as objects.

To prevent naming conflicts between roles from different packages the package key is added to the role names.

The handling of roles now is more strict and does not allow the use of not configured (non-existent) roles anymore.

Roles are now referenced as real instances instead of their string identifiers in models. Roles which were defined in policies are now automatically mirrored to the RoleRepository (usually stored as a table in a database).

The getRoles() method has been removed from TokenInterface.

Change-Id: I39f335baa01f9e9b883e98e85cb1f063bbaf5744

Resolves: #28862

Resolves: #43578

Related: #37451

Related: #27698

Releases: 2.0, master

### **Revision 28e52aa8 - 2013-04-11 12:27 - Karsten Dambekalns**

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Related: #37451

Related: #27698

Releases: 2.0, master

## **History**

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### **#1 - 2011-08-09 11:41 - Christopher Hlubek**

This is due to inconsistent handling of Roles as strings or objects inside TYPO3\FLOW3\Security\Account. And the roles mapping would have to change, too.

### **#2 - 2012-08-19 22:56 - Rens Admiraal**

- Assignee set to Rens Admiraal

- Has patch set to No

### **#3 - 2012-12-04 12:28 - Karsten Dambekalns**

- Status changed from New to Under Review

- Target version set to 2.0 beta 1

### **#4 - 2012-12-09 21:25 - Karsten Dambekalns**

- Target version changed from 2.0 beta 1 to 2.1

### **#5 - 2013-05-21 13:28 - Robert Lemke**

- Target version deleted (2.1)

### **#6 - 2013-08-14 16:00 - Karsten Dambekalns**

- Status changed from Under Review to Resolved

- Target version set to 2.0

- % Done changed from 0 to 100