TYPO3.Flow - Feature #5846

Implement Account Factory

2009-12-28 11:19 - Robert Lemke

Status:	Resolved		**Start date:**	2010-03-10
Priority:	Should have		**Due date:**	
Assignee:	Robert Lemke		**% Done:**	100%
Category:	Security		**Estimated time:**	1.00 hour
Target version:	1.0 alpha 8			
PHP Version:			**Complexity:**	
Has patch:				

Description

Currently the typical code for creating a password-based account looks like this:

```
        $roles = array(
            $this->objectFactory->create('F3\FLOW3\Security\ACL\Role', 'Participant'),
        );

        $salt = substr(md5(uniqid(rand(), TRUE)), 0, rand(6, 10));

        $account = $this->objectFactory->create('F3\Party\Domain\Model\Account');
        $account->setAccountIdentifier($accountIdentifier);
        $account->setCredentialsSource(md5(md5($password) . $salt) . ',' . $salt);
        $account->setAuthenticationProviderName('DefaultProvider');
        $account->setRoles($roles);

        $newPerson->addAccount($account);
        $this->personRepository->add($newPerson);
```

It is not very intuitive and probably error prone for newbies having to write that much code
in order to create an account. Another problem is that we rely on a third developer's ability
to create a secure salt.

We therefore should provide some kind of account factory which allows for easy creation of
typical accounts:

```
    $newAccount = $accountFactory->createAccountWithPassword('identifier', 'password', array('role1
', 'role2'));
```

This would also be a good opportunity to move the Account model to the FLOW3 Security sub package because
it belongs more to security than to Party. The setParty() and getParty() methods should refer to a PartyInterface
rather than a specific implementation

Associated revisions

Revision 00343be8 - 2010-03-10 18:57 - Robert Lemke

[+FEATURE] FLOW3 (Security): The new AccountFactory now allows for convenient creation of a new account with username and password.
Resolves #5846
[+BUGFIX] FLOW3 (Property): Fixed the failing tests of the Property Mapper. Also replaced a few occurrences of $objectManager->get() by
$objectManager->create()

Revision 3926 - 2010-03-10 18:57 - Robert Lemke

[+FEATURE] FLOW3 (Security): The new AccountFactory now allows for convenient creation of a new account with username and password.
Resolves #5846
[+BUGFIX] FLOW3 (Property): Fixed the failing tests of the Property Mapper. Also replaced a few occurrences of $objectManager->get() by
$objectManager->create()

Revision 3927 - 2010-03-10 18:58 - Robert Lemke

[!!!][~TASK] Party: Moved the Account model to the FLOW3 Security sub package. Relates to #5846

History

#1 - 2010-01-20 17:08 - Robert Lemke

- Target version set to 1.0 alpha 8

#2 - 2010-02-25 13:20 - Andreas Förthner

- Target version deleted (1.0 alpha 8)

Postponed...   *2/2*

#3 - 2010-03-10 18:09 - Robert Lemke

- Status changed from New to Accepted

- Assignee changed from Andreas Förthner to Robert Lemke

- Target version set to 1.0 alpha 8

- Start date changed from 2009-12-28 to 2010-03-10

- Estimated time set to 1.00 h

#4 - 2010-03-10 19:00 - Robert Lemke

- Status changed from Accepted to Resolved

- % Done changed from 0 to 100

Applied in changeset r3926.