TYPO3.Flow - Bug # 57541

Status:	Under Review	**Priority:**	Must have
Author:	Adrian Föder	**Category:**	Security
Created:	2014-04-02	**Assigned To:**	
Updated:	2014-04-03	**Due date:**	

PHP Version:	
Has patch:	No
Complexity:	
Affected Flow version:	(any)

Subject:	Content Security: operands work intrinsically differently in Rewrite and Manual check

Description

when having defined an Entity resource like

    'current.securityContext.party != this.owner'

the `owner` field refers to, in one case, to the actual `owner` field of the database table (i.e. in
\TYPO3\Flow\Security\Aspect\PersistenceQueryRewritingAspect::rewriteQomQuery

and in the other case to the (hydrated) Entity property `owner` (i.e. in
\TYPO3\Flow\Security\Aspect\PersistenceQueryRewritingAspect::checkAccessAfterFetchingAnObjectByIdentifier)

This leads to unpredicted results when the entity for example does not have a getter on this property, as it was in my case. I just considered it not necessary.

IMO urgently an exception is necessary if, in
\TYPO3\Flow\Security\Aspect\PersistenceQueryRewritingAspect::checkSingleConstraintDefinitionOnResultObject, the following lines:

```
1 if (!is_array($constraintDefinition['leftValue']) && strpos($constraintDefinition['leftValue'], 'this.') === 0) {
2     $referenceToThisFound = TRUE;
3     $propertyPath = substr($constraintDefinition['leftValue'], 5);
4     $leftOperand = $this->getObjectValueByPath($result, $propertyPath);
5 }
```

need to throw an exception if getObjectValueByPath, leading to ObjectAccess::getPropertyPath, tries to access something that cannot be retrieved.

History

#1 - 2014-04-02 12:19 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 2 for branch **master** of project **Packages/TYPO3.Flow** has been pushed to the review server.

It is available at https://review.typo3.org/29065

#2 - 2014-04-03 09:06 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.Flow** has been pushed to the review server.

It is available at https://review.typo3.org/29065