Core - Task # 57993

Status:	Resolved	**Priority:**	Should have
Author:	Tymoteusz Motylewski	**Category:**	
Created:	2014-04-16	**Assigned To:**	Tymoteusz Motylewski
Updated:	2014-05-02	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	
Complexity:	
Sprint Focus:	

Subject:	Make package HHVM compatible - failing getPackageReturnsTheSpecifiedPackage test

Description

the PackageManagerTest::getPackageReturnsTheSpecifiedPackage is failing on hhvm, because it HHVM doesn't support calling key() on objects.
So it is failing now with "Fatal error: Cannot access empty property in..."
Responsible code is in Package->getNamespace()

```
$namespaces = $manifest->autoload->{'psr-0'};
if (count($namespaces) === 1) {
    $namespace = key($namespaces);
}
```

it can be solved by first cast object to an array

```
$namespaces = (array)$manifest->autoload->{'psr-0'};
if (count($namespaces) === 1) {
    $namespace = key($namespaces);
}
```

quote from
https://github.com/facebook/hhvm/blob/master/hphp/doc/inconsistencies#L90-95
about this inconsistency:

(5) Object internal cursors

Under Zend PHP, objects have an internal cursor (similar to the array internal
cursor) that can be used to iterate over the object's properties. Under HipHop
VM, objects do not have internal cursors, and the next(), prev(), current(),
key(), reset(), end(), and each() builtin functions do not support objects.

Related issues:

related to TYPO3 Flow Base Distribution - Task # 57992: Make package HHVM com...	**Resolved**	**2014-04-16**

Associated revisions

Revision 06290480 - 2014-05-02 21:51 - Tymoteusz Motylewski

[TASK] Make Flow Package HHVM compatible

HHVM doesn't support calling array functions like key()

on objects, we need to cast object to array first.

Resolves: #57993

Related: #57992

Releases: 6.2

Change-Id: l8551860b103745622624dafd8f285db1a7b8f275

Reviewed-on: https://review.typo3.org/29508

Reviewed-by: Stefan Neufeind

Reviewed-by: Christian Kuhn

Tested-by: Christian Kuhn

Reviewed-by: Anja Leichsenring

Tested-by: Anja Leichsenring

History

#1 - 2014-04-16 16:57 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** of project **Packages**/**TYPO3.CMS** has been pushed to the review server.

It is available at https://review.typo3.org/29508

#2 - 2014-04-16 17:03 - Gerrit Code Review

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

It is available at https://review.typo3.org/29508

#3 - 2014-05-02 22:30 - Tymoteusz Motylewski

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:06290480dc7dca7152d859a4cebc45131880011b.