

## TYPO3.Flow - Bug #34404

### JsonView transformObject does not respect `_descendAll` configuration

2012-02-29 01:12 - Alexander Berl

<b>Status:</b>	New	<b>Start date:</b>	2012-02-29
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Complexity:</b>	easy
<b>PHP Version:</b>			
<b>Has patch:</b>	No		

#### Description

When configuring a jsonView for a domain object, the `'_descendAll'` configuration is currently not taken into account, leading to the need to configure all properties for traversal.

The part of `TYPO3\FLOW3\MVC\View\JsonView::transformObject` line 199+

```
        if (!is_array($propertyValue) && !is_object($propertyValue)) {
            $propertiesToRender[$propertyName] = $propertyValue;
        } elseif (isset($configuration['_descend']) && array_key_exists($propertyName, $configuration['_descend'])) {
            $propertiesToRender[$propertyName] = $this->transformValue($propertyValue, $configuration['_descend'][$propertyName]);
        }
    }
```

should be

```
        if (!is_array($propertyValue) && !is_object($propertyValue)) {
            $propertiesToRender[$propertyName] = $propertyValue;
        } elseif (isset($configuration['_descendAll'])) {
            $propertiesToRender[$propertyName] = $this->transformValue($propertyValue, $configuration['_descendAll']);
        } elseif (isset($configuration['_descend']) && array_key_exists($propertyName, $configuration['_descend'])) {
            $propertiesToRender[$propertyName] = $this->transformValue($propertyValue, $configuration['_descend'][$propertyName]);
        }
    }
```

A further **nice-to-have feature** would be a **real** `_descendAll` configuration that just carelessly descends all objects, though it probably should still deal with recursion of domain objects or stop at a specific recursion depth.

Something like an int configuration `_recursionDepth` would work:

```
        } elseif (isset($configuration['_recursionDepth']) && $configuration['_recursionDepth'] > 0) {
            $configuration['_recursionDepth']--;
            $propertiesToRender[$propertyName] = $this->transformValue($propertyValue, $configuration);
        }
```

*On a side note:* The current implementation for configuration settings behaves differently for arrays / `ArrayAccess` objects and other objects.

While for arrays, `_descendAll` overrules `_only` and `_exclude` settings, for an object `_only` and `_exclude` overrule `_descend` (and with the patch above also `_descendAll`).