

## TYPO3 Core - Bug #91723

### Extbase configuration loader and/or AbstractController loads wrong configuration

2020-06-29 09:55 - Stefan P

<b>Status:</b>	New	<b>Start date:</b>	2020-06-29
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Extbase	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Complexity:</b>	
<b>TYPO3 Version:</b>	9	<b>Is Regression:</b>	
<b>PHP Version:</b>		<b>Sprint Focus:</b>	
<b>Tags:</b>			

#### Description

The method `getPluginConfiguration` in the class `FrontendConfigurationManager` just fetches `plugin.tx_plugin.settings` - it does not care about having multiple `typeNum`. For example:

```
anotherPageObject < lib.basePageObject
anotherPageObject {
    typeNum = 123
    // 10 is the plugin
    10 {
        settings {
            foo = bar
        }
    }
}
```

If I visit the same site on `?type=123` I only get the base settings, not the settings for this `typeNum = 123`.

#### History

##### #1 - 2020-06-29 11:00 - Stefan P

Did some further research. The problem is this in `getConfiguration`:

```
if ($extensionName === null || $extensionName === $this->extensionName && $pluginName === $this->pluginName) {
    $frameworkConfiguration = $this->getContextSpecificFrameworkConfiguration($frameworkConfiguration);
}
```

Up to this point everything is correct, but this writes the global `plugin.tx_` over the already correct resolved settings. What is this for?

Also there are no parantheses around the logical operators - is the condition regarding the evaluation order of `||` and `&&` even correct?

##### #2 - 2020-06-29 11:17 - Stefan P

I'm not sure what the intention of this configuration spaghetti is, but the problem could also be that `AbstractController` loads the settings without `$extensionName` and `$pluginName`:

```
$this->settings = $this->configurationManager->getConfiguration(ConfigurationManagerInterface::
CONFIGURATION_TYPE_SETTINGS);
```

This eventually triggers the if clause and overwrites the plugin settings with the global settings.

##### #3 - 2020-06-29 11:19 - Stefan P

- Subject changed from *Extbase configuration loader for settings does not respect typeNum to Extbase configuration loader and/or AbstractController loads wrong configuration*

##### #4 - 2020-07-03 13:22 - Stefan P

Another onion layer adds to this whole spaghetti: the configuration gets cached in `getConfiguration()`, but only by extension and plugin names:

```
$configurationCacheKey = strtolower(($extensionName ?: $this->extensionName) . '_' . ($pluginName ?: $this->
pluginName));
if (isset($this->configurationCache[$configurationCacheKey])) {
```

```
return $this->configurationCache[$configurationCacheKey];  
}
```

What if I have the same plugin multiple times on a page with different settings? Then always the config from the first will be loaded.

I debugged this multiple days now and I simply can't get past this method to return the correct configuration, no matter what I do (even though in the Template module in the Backend everything is shown fully correct, so the TypoScript itself is fine!)