Building websites with TYP03 Neos

/dev/var/8

Hello!

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demo

let's see

Launchr

Free TYP03 Neos Demo platform
https://v5c6483be.launchr.com/

architecture

components & composition

Packages

Everything is TYP03 FLOW package

Sites

https://github.com/fedir/NeosDemoTypo3Org

Node Types

https://github.
com/fedir/NeosDemoTypo3Org/blob/master/Configur
ation/NodeTypes.yaml

Custom Content Elements

http://docs.typo3.org/neos/TYPO3NeosDocumentation/IntegratorGuide/CustomContentElements.html 'My.Package:SpecialHeadline': superTypes: ['TYPO3.Neos:Content'] ui: label: 'Special Headline' group: 'general' properties: headline: type: 'string' defaultValue: 'My Headline Default' ui: inlineEditable: TRUE validation: 'TYPO3.Neos/Validation/StringLengthValidator': minimum: 1 maximum: 255

TypoScript

TypoScript is fundamentally a hierarchical, prototype based processing language to define TYPO3 Neos content objects.

TypoScript example

```
my {
 image = Image
 image.width = 200
myObject = Menu {
     @if.1 = ${q(node).property('showMenu') == true}
# results in the menu object only being evaluated if the node's showMenu property is
``true``
```

Eel

Embedded Expression Language (Eel) for TypoScript

http://docs.typo3.org/neos/TYPO3NeosDocumentation/IntegratorGuide/EelFlowQuery. html#eel-embedded-expression-language

```
${foo.bar} // Traversal
${foo.bar()} // Method call
${foo.bar().baz()} // Chained method call
${foo.bar("arg1", true, 42)} // Method call with
arguments
${foo.bar(12+18.5, foo == bar)}
```

FlowQuery

CSS-like selectors

http://docs.typo3.org/neos/TYPO3NeosDocumentation/IntegratorGuide/EelFlowQuery.html#flowquery

```
${q(node).property('foo')}
${q(node).parents()}
${q(node).children('left').first()}
${q(node).children().filter('left').first()}
```

Fizzle

CSS-like selectors

http://docs.typo3.org/neos/TYPO3NeosDocumentation/IntegratorGuide/EelFlowQuery.html#fizzle

```
baz[foo]
baz[answer = 42]
baz[foo = "Bar"]
baz[foo = 'Bar']
baz[foo != "Bar"]
baz[foo ^= "Bar"]
baz[foo $= "Bar"]
baz[foo *= "Bar"]
```

Command line interface (CLI)

http://docs.typo3.
org/neos/TYPO3NeosDocumentation/Appendixes/Co
mmandReference.html

typo3.neos:domain:list

typo3.neos:domain:add¶

typo3.neos:site:list¶

typo3.neos:site:export¶

typo3.neos:site:import

typo3.neos:user:list

typo3.neos:user:create

typo3.neos:user:addrole

typo3.neos:workspace:list¶

typo3.neos:workspace:publish9

typo3.neos:workspace:discard

Code analyse

https://github.com/fedir/NeosDemoTypo3Org

building websites

simple start

Install requirements

Requirements
LAMP server, PHP 5.3+

Composer

curl -s https://getcomposer.org/installer | php

Installation

Init site

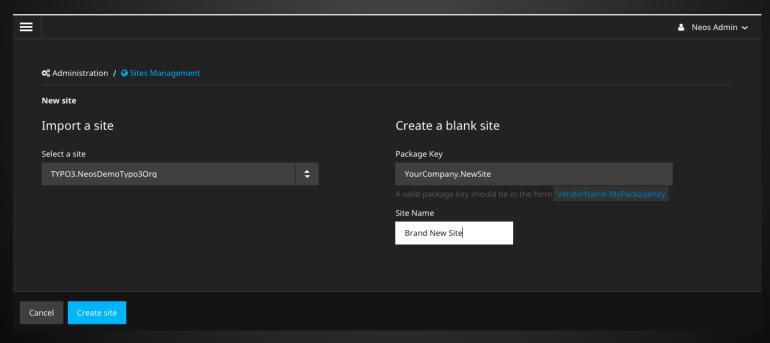
```
cd /your/htdocs/
php /path/to/composer.phar create-project typo3/neos-base-distribution TYPO3-Neos
```

Vhost configuration

```
<VirtualHost *:80>
  DocumentRoot "/your/htdocs/TYPO3-Neos/Web/"
  #SetEnv FLOW_CONTEXT Production
  ServerName neos.demo
</VirtualHost>
```

Import existing or create blank

yoursite.com/neos/administration/sites/newsite



References

General

- http://neos.typo3.org/
- http://three-lines-of-code.com/basic-typo3-flow-and-typo3-neos-resources/
- http://www.lobacher.de/files/neos/TYP03-Neos-1.0.2-Kompendium-Patrick-Lobacher.pdf
- http://www.roodlicht.com/typo3-neos-or-typo3-cms/3364?lang=en
- http://goo.gl/jgui7w

Official documentation

- http://docs.typo3.org/neos/TYPO3NeosDocumentation/GettingStarted/Index.html
- http://docs.typo3.org/neos/TYPO3NeosDocumentation/GettingStarted/Installation.html
- http://docs.typo3.org/neos/TYPO3NeosDocumentation/IntegratorGuide/Index.html
- http://docs.typo3.org/neos/TYPO3NeosDocumentation/IntegratorsCookbook/Index.html
- $\bullet \qquad \text{http://docs.typo3.org/neos/TYPO3NeosDocumentation/DeveloperGuide/Index.html} \\$
- http://docs.typo3.org/neos/TYPO3NeosDocumentation/Appendixes/Index.html

Blogs

- https://learn-neos.com/blog.html
- http://dimaip.github.io/

Github goodies

- https://github.com/tlayh/vagrant-typo3neos
- https://github.com/ryzy/vc-typo3-neos
- https://github.com/lelesys
- https://github.com/sfi-ru

Demo

https://launchr.com/typo3-neos