EXT: Multidomain Publishing

Extension Key: multidomain_publishing

Language: en

Version: 1.0.0

Keywords: forAdmins forDevelopers forAdvanced

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The content of this document is related to TYPO3

- a GNU/GPL CMS/Framework available from www.typo3.org

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1 - Introduction

1.1 - What dœs it do?

The Extension extends TYPO3 for managing contents for multiple domains in a single page-tree. The major difference to standard TYPO3 multiple page-trees or insert-record solutions is that we manage the differences between the contents of the configured domains where the existing approaches manage the similarities.

So multidomain-publishing is handy when you manage more than one domain from a single typo3 installation and the domains share 80 to 90 Percent of the content.

Example usecases are:

1. Mobile versions of a domain where you want to adjust the landing pages but leave the most content as it is.

2. White-label sites that show your content in the layout of your partner-sites.

3. Microsites for parts of your content.

To achieve this multidomain-publishing extends the access-tab of backend-records and adds the option to control the visibility across the configured domains.

Sponsoring

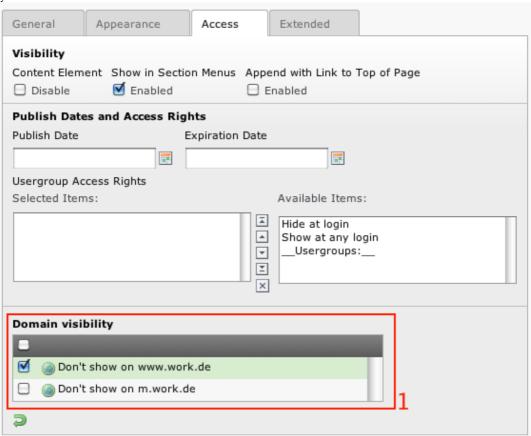

The development of this extension was supported by n@work - hamburg by donating developer manpower and community spirit. Thanks a lot.

1.2 – Screenshots

Here you see what the extension dœs:

The extended access-tab in a tt_content record

2 – Users manual

2.1 – Installing the extension

The extension can be directly installed and needs no special configuration. **If you are using a url-transformation extension you should install multidomain-publishing after the url-transformer**.

2.2 – Configuring of the domain-records

Extended domain-record

Create the domain records as usual. Multidomain-publishing adds the marked options.

	Property:	Data type:	Description:	Default:
1	**Default pagetype**	int	If this option is set TYPO3 will render the page with the given typeNum if no typeNum is specified. This overrides the default rendering of the page with type=0 for this domain.	-
2	**Content Publishing Mode**	allow / deny	This option configures wether on this domains contents have to be hidden or enabled. The setting works for all records that are configured to use multidomain-publishing.	deny

2.3 – Create TypoScript-Templates for the different Domains

To use different TypœScript-templates on your domains you can use the existing typeNum mechanism of TYPO3 to manage different Page Templates.

```
# default Page
page = PAGE
page.typeNum = 0
page.10 = TEMPLATE
page.10 …

# mobile Page
page_mobile = PAGE
page_mobile.typeNum = 1
page_mobile.10 = TEMPLATE
page_mobile.10 …
```
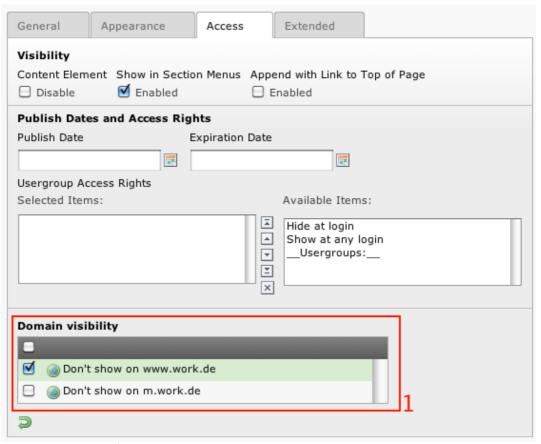
To configure the content rendering differently between domains use a TypoScript-condition for the type parameter.

```
# adjust conten rendering for mobile
[globalVar = GP:type = 1]
tt_content{
  image.20.maxW >
  image.20.maxW = 300
}
[global]
```

Now you should be able to see effect of the different templates on the domains. You can try the BE-module to preview your changes.
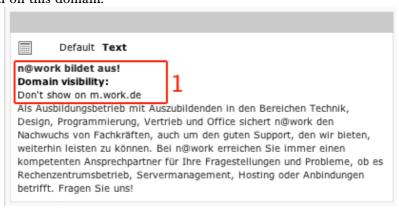
2.4 – Create Content for Domains

Extended access-tab of a tt_content record

The content for all domains is created in single page-tree. To control the visibility of your contents across the domains you will find a new option on the access tab of pages and contens (and all records that are configured for multidomain-publishing) where you can select the domain-visibility mode for this record.

Based on the allow/deny mode of the domain record you can select wether the content should be hidden or shown on this domain.
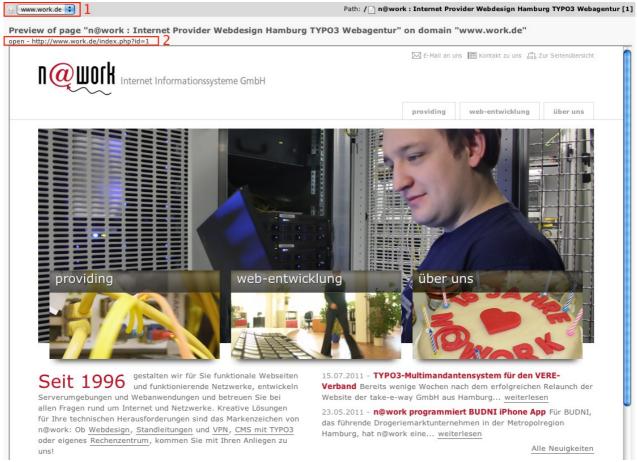

Preview of domain constraints in page-module.

The Page Module shows the domain restrictions for the content-elements.

2.5 – Preview Content

Domain-preview BE-module

To get a fast Preview of your Work you can use the included "Domain View"- Module that allows to select the domain that is used for previewing (1) and also includes a preview-Link to open the page in a new window (2).

2.6 – Redirecting mobile users

Multidomain publishing manages content for your different domains. To automatically redirect mobile-users from your main domain to a specific subdomain we recommend to use the "Mobile Redirect"-extension (cwmobileredirect) from Carsten Windler.

3 - Configuration & Administration

The Extension dœs'nt need special TypoScript configuration. You should read the TS-Ref documentation of Conditions and pagetypes/typeNum instead. You can read the section User-Manul instead.

4 - Extending

The following 3 steps show how easy multidomain_publishing can be integrated into any extension-record. The example shows the code that adds the multidomain-options to the tt_content-table.

Step 1 – add the database field to the record in ext_tables.sql.

```
#
# Extend Table structure for table 'tt_content'
#
CREATE TABLE tt_content (
      tx_multidomainpublishing_visibility varchar(100) DEFAULT '0' NOT NULL
);
```

Step 2 – extend TCA in ext_tables.php.

```
#
# Field definition for multidomain publishing
#
$tempColumns = array (
      'tx_multidomainpublishing_visibility' => array (
            'exclude' => 1,
            'label' =>
'LLL:EXT:multidomain_publishing/locallang_db.xml:pages.tx_multidomainpublishing_visibility',

            'config' => array (
                  'type' => 'select',
                  'foreign_table' => 'sys_domain',
                  'itemsProcFunc' => 'tx_multidomainpublishing_tcaProcHelper-
>selectDomainRestrictionsProcFunction',
                  'size' => 5,
                  'minitems' => 0,
                  'maxitems' => 99,
                  'foreign_table_loadIcons' => 1,
                  'renderMode' => 'checkbox'
            )
      ),
);

#
# add field to tt_content
#
t3lib_div::loadTCA('tt_content');
t3lib_extMgm::addTCAcolumns('tt_content', $tempColumns, 1);
t3lib_extMgm::addToAllTCAtypes('tt_content','tx_multidomainpublishing_visibility;;;;1-1-1' ,
'', 'after:fe_group');

#
# configure TCA-ctrl for multidomain publishing
#
$GLOBALS['TCA']['tt_content']['ctrl']['tx_multidomainpublishing_column'] =
'tx_multidomainpublishing_visibility';
```

Step 3 – use enableFields in your code.

Since multidomain_publishing implements a hook in the enable fields method all your code that uses enableFields properly is now multidomain-aware.

5 - ChangeLog

Version:	Changes:
1.0.0	Initial pubic release
1.0.1	Udated documentation,