

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

Table of Contents

EXT: Multidomain Publishing.....	1	2.3 - Create TypoScript-Templates for the different Domains.....	5
1 - Introduction.....	3	2.4 - Create Content for Domains.....	6
1.1 - What does it do?.....	3	2.5 - Preview Content.....	7
1.2 - Screenshots.....	3	3 - Administration.....	8
2 - Users manual.....	4	4 - Configuration.....	9
2.1 - Installing the extension.....	4	5 - Extending.....	10
2.2 - Configuring of the domain-records.....	4	6 - ChangeLog.....	11

1 - Introduction

1.1 - What does it do?

The Extension extends TYPO3 for managing contents for multiple domains in a single pagetree. The major difference to standard TYPO3 multiple-pagetree 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 contents.

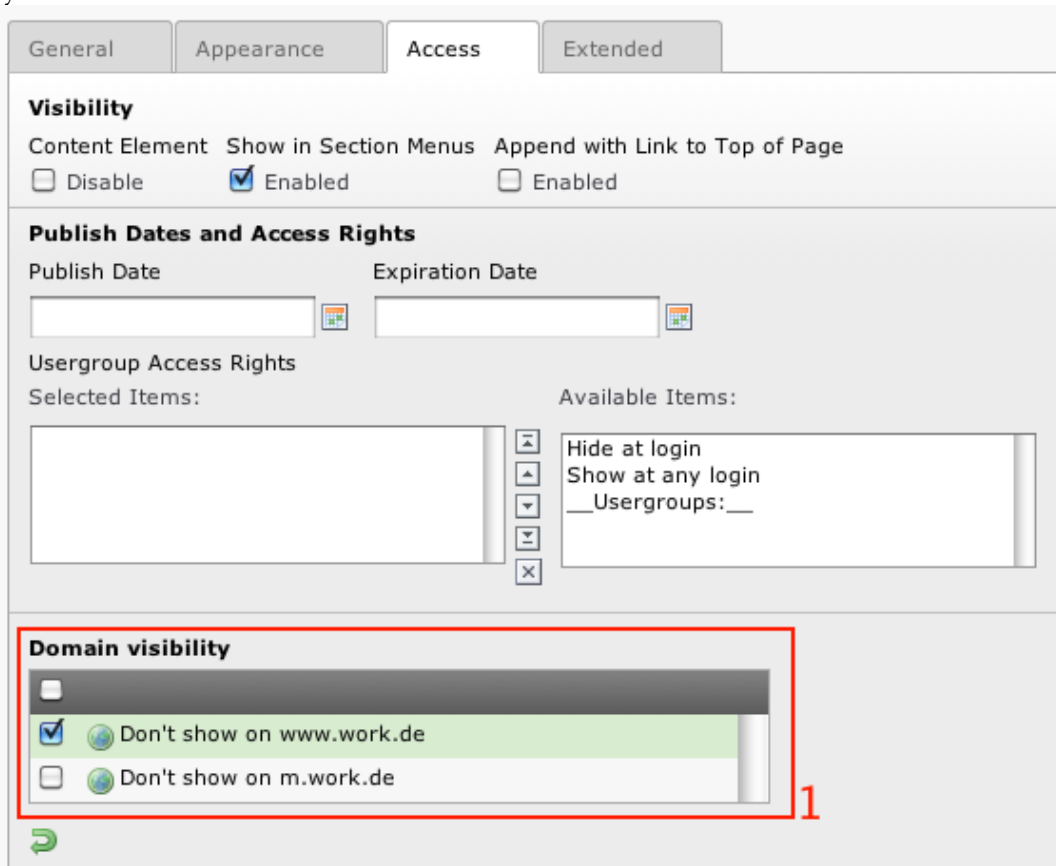
Example usecases are:

1. Mobile versions of a domain where you want to adjust the landing pages but leave the content as it is.
2. White-label sites that show your content in the layout of your partnersite
3. microsites

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

1.2 - Screenshots

Here you see what the extension does:



The screenshot shows the 'Access' tab of the TYPO3 backend. The 'Domain visibility' section is highlighted with a red box and a red number '1'. It contains a list of domains with checkboxes to control visibility. The first domain, 'www.work.de', has its checkbox checked, and the second, 'm.work.de', has its checkbox unchecked.

2 - Users manual

Documentation of how to use the extension, how it works, how to apply it if it's a website plugin. A user manual.

Language should be non-technical, explaining, using small examples.

Examples: For the "News" plugin this would be a manual showing how to create the news-items, explaining the options etc.

Target group: Users, Administrators or Developers in that priority. Depends on the extension.

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

Edit Domain "m.work.de" on page "n@work : Internet Provider Web..."

Disable:
☐

Domain:
m.work.de

Transfer parameters to Redirect URL:
☐

Always prepend this domain in links:
☒

Default pagetype
1

Content Publishing Mode
deny

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 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

If you want to show different 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 domain 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.

2.4 - Create Content for Domains

The screenshot shows the 'Access' tab of a TYPO3 content element configuration. The 'Domain visibility' section is highlighted with a red box and a red '1' next to it. This section contains a list of domains with checkboxes to control visibility. The first entry, 'Don't show on www.work.de', is checked and highlighted in green. The second entry, 'Don't show on m.work.de', is unchecked.

The content for all domains is created in single pagtree. To control the visibility of your contents across the domains you will find a new option on the access tab of pages and content and all records that are configured for multidomain_publishing.

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

The screenshot shows the 'Page Module' of a TYPO3 backend. A content element is displayed with the title 'n@work bildet aus!'. The 'Domain visibility' section is highlighted with a red box and a red '1' next to it. The text 'n@work bildet aus!' is visible above the 'Domain visibility:' label.

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

2.5 - Preview Content

www.work.de 1 Path: / n@work : Internet Provider Webdesign Hamburg TYPO3 Webagentur [1]

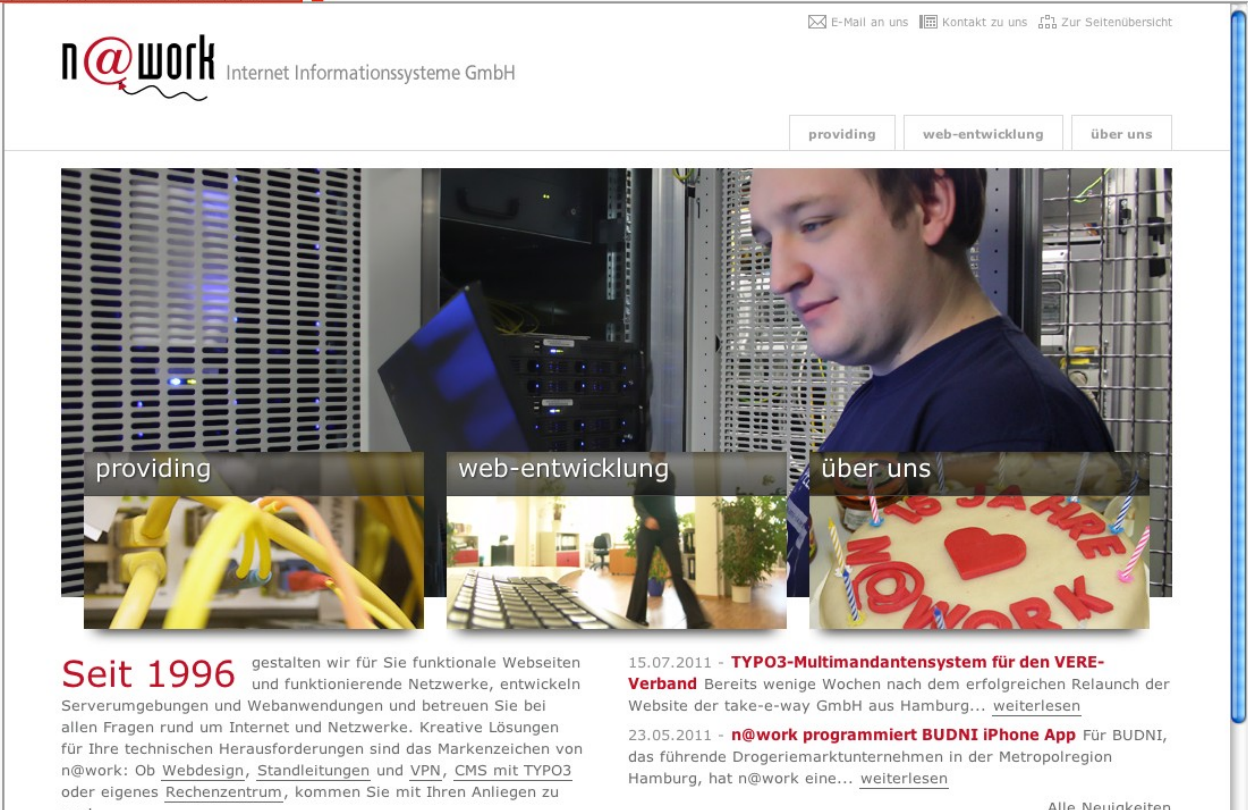
Preview of page "n@work : Internet Provider Webdesign Hamburg TYPO3 Webagentur" on domain "www.work.de"

open - http://www.work.de/index.php?id=1 2

E-Mail an uns Kontakt zu uns Zur Seitenübersicht

n@work Internet Informationssysteme GmbH

providing web-entwicklung über uns



providing web-entwicklung über uns

Seit 1996 gestalten wir für Sie funktionale Webseiten und funktionierende Netzwerke, entwickeln Serverumgebungen und Webanwendungen und betreuen Sie bei allen Fragen rund um Internet und Netzwerke. Kreative Lösungen für Ihre technischen Herausforderungen sind das Markenzeichen von n@work: Ob Webdesign, Standleitungen und VPN, CMS mit TYPO3 oder eigenes Rechenzentrum, kommen Sie mit Ihren Anliegen zu uns!

15.07.2011 - **TYPO3-Multimandantensystem für den VERE-Verband** Bereits wenige Wochen nach dem erfolgreichen Relaunch der Website der take-e-way GmbH aus Hamburg... [weiterlesen](#)

23.05.2011 - **n@work programmiert BUDNI iPhone App** Für BUDNI, das führende Drogeriemarktunternehmen in der Metropolregion Hamburg, hat n@work eine... [weiterlesen](#)

[Alle Neuigkeiten](#)

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).

3 - Administration

Describes how to manage the extension from an administrator's point of view. That relates to Page/User TSconfig, permissions, configuration etc., which administrator level users have access to.

Language should be non/semi-technical, explaining, using small examples.

Target group: Administrators

4 - Configuration

The Extension does'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.

5 - Extending

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

Since multidomain_publishing implements a hook in the enable fields method all your extension that use enableFields properly are now ready to go.

6 - ChangeLog

Version:	Changes:
1.0.0	Initial public release