

EXT: Multidomain Publishing



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Language: en

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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 does 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 -

1.3 - Screenshots

Here you see what the extension does:

The screenshot shows the 'Access' tab of a TYPO3 record configuration. It includes sections for 'Visibility', 'Publish Dates and Access Rights', and 'Domain visibility'. The 'Domain visibility' section is highlighted with a red box and a red '1'.

General | **Appearance** | **Access** | **Extended**

Visibility
Content Element Show in Section Menus Append with Link to Top of Page
☐ Disable ☒ Enabled ☐ Enabled

Publish Dates and Access Rights
Publish Date Expiration Date

Usergroup Access Rights
Selected Items: Available Items:
 Hide at login
 Show at any login
 __Usergroups: __

Domain visibility
☒ Don't show on www.work.de
☐ Don't show on m.work.de

1

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

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

Disable:
☐

Domain:

Transfer parameters to Redirect URL:
☐

Always prepend this domain in links:
☒

Default pagetype
 1

Content Publishing Mode
 2

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 whether on this domain's 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 TypoScript-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

The screenshot shows the 'Access' tab of a TYPO3 record configuration. The 'Domain visibility' section is highlighted with a red box and a red '1' next to it. It contains a list of domain visibility settings:

- ☒ Don't show on www.work.de
- ☐ Don't show on m.work.de

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 contents (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 whether the content should be hidden or shown on this domain.

The screenshot shows a preview of a page module. The 'Domain visibility' section is highlighted with a red box and a red '1' next to it. It contains the following text:

n@work bildet aus!
Domain visibility:
 Don't show on m.work.de

Preview of domain constraints in page-module.

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



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](#)

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 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.

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 public release
1.0.1	Updated documentation,