

What's New in Drupal 8?

Blocks



Blocks: What's New?

- ▶ Block types
- ▶ Blocks are fieldable
 - ▶ Manage fields
 - ▶ Manage display
- ▶ Blocks can be used in more than one region
- ▶ Block configuration is exportable

How Does This Help?

- ▶ Reduces the need for contributed modules
- ▶ More layout options
- ▶ Configuration can be shared or deployed

Block Types

A closer look



Custom block types

☆

Block layout Custom block library

Types Blocks

[Home](#) » [Administration](#) » [Structure](#) » [Block layout](#) » [Custom block library](#)

This page lists block types. A block type can consist of different fields and display settings. From here you can manage these fields as well as create new block types.

[+ Add custom block type](#)

BLOCK TYPE	DESCRIPTION	OPERATIONS
Basic block	A basic block contains a title and a body.	Manage fields ▼

Custom block types work just like content types and are managed separately

Add ☆

[Home](#) » [Administration](#) » [Structure](#) » [Block layout](#) » [Custom block library](#) » [Edit](#)

Label *

Provide a label for this block type to help identify it in the administration pages.

Description

Enter a description for this block type.

☐ Create new revision

Create a new revision by default for this block type.

[Save](#)

Adding a new block type is as simple as giving it a label and description

Fields

A closer look



✓ - Select a field type -

Boolean

Comments

Date

Email

Entity reference

File

Image

Link

List (float)

List (integer)

List (text)

Number (decimal)

Number (float)

Number (integer)

Telephone number

Term Reference

Text (formatted)

Text (formatted, long)

Text (formatted, long, with summary)

Text (plain)

Text (plain, long)

Pick your field of choice

Manage fields ☆

Manage fields

...

Home » Administration » Structure » Block layout » Custom block library » Edit

LABEL	MACHINE NAME	FIELD TYPE	OPERATIONS
Body	body	Text (formatted, long, with summary)	<div>Edit</div>

Add new field

- Select a field type -

LabelType of data to store.

Save

Show row weights

FIELD	LABEL	FORMAT
<div>⌵</div> Body	<div>- Hidden -</div>	<div>Default</div>

Disabled

No field is hidden.

▶ CUSTOM DISPLAY SETTINGS

You can manage fields and the display of those fields just like on content types

Enhanced UI

A closer look



Back to site

Manage

Shortcuts

admin

Content

Structure

Appearance

Extend

Configuration

People

Reports

Help

+ Add custom block

Show row weights

BLOCK	CATEGORY	REGION	OPERATIONS
Header			
No blocks in this region			
Primary menu			
<div>Main navigation</div>	Menus	Primary menu	Configure
Secondary menu			
<div>User account menu</div>	Menus	Secondary menu	Configure
Help			
<div>System Help</div>	System	Help	Configure
Highlighted			
No blocks in this region			
Featured			

Place blocks

Filter by block name

FORMS

+ Search form

+ User login

LISTS (VIEWS)

+ Recent comments

+ Recent content

+ Who's online

MENUS

+ Administration

+ Footer

+ Main navigation

+ Shortcuts

+ Tools

+ User account menu

SYSTEM

Easier to use block layout page

▼ **CACHE SETTINGS**

Maximum age

Forever ▼

The maximum time this block may be cached.

Vary by context

☐ URL

☐ Time zone

☐ User

The contexts this cached block must be varied by.
This block is *always* varied by the following contexts:
User's roles, Language.

Better cache settings via the UI

Configure block

☆

[Home](#) » [Administration](#) » [Structure](#) » [Block layout](#)

Block description: Main navigation

Title *

Main navigation

Machine name: bartik_main_menu

☐ Display title

Ability to turn the visibility of the title on/off

Exportability

A closer look



Single import ☆

Synchronize

Single Import/Export

Full Import/Export

Import

Export

Home » Administration » Configuration » Development » Synchronize

Configuration type *

✓ - Select -
Simple configuration
Action
Base field override
Block
Comment type
Contact form
Content type
Custom block type
Date format
Entity form display
Entity view display
Field
Field storage
Form mode
Image style
Menu
RDF mapping
Date

here *

Single export ☆

Synchronize

Single Import/Export

Full Import/Export

Import

Export

Home » Administration » Configuration » Development » Synchronize

Configuration type

Block ▼

Configuration name *

Search ▼

Here is your configuration: *

```
uuid: 16313f3e-019e-439e-9800-0c128657a5d6
langcode: en
status: true
dependencies:
  module:
    - search
  theme:
    - classy
id: classy_search
theme: classy
region: sidebar_first
weight: -1
provider: null
plugin: search_form_block
settings:
```

All configurations for blocks can be imported and exported via configuration management. Blocks configuration can now move from one environment to another.

What's New for Developers?

- ▶ Blocks are plugins
 - Easier, no hooks
 - Extendable
 - OOP PHP
- ▶ Exportable code

Advantages

Removes the need for several contributed modules:

- ▶ MultiBlock
- ▶ Context
- ▶ Features
- ▶ Bean