Chapter 2: Creating Your First Module

Hello World ☆

Home » Administration » Help

About

This is an example module.

Salutation configuration ☆

Home » Administration » Configuration

Salutation

[   ]

Please provide the salutation you want to use.

Save configuration

Chapter 3: Logging and Mailing

Recent log messages ☆

View | Delete

Home » Administration » Reports

The Database Logging module logs system events in the Drupal database. Monitor your site or debug site problems on this page.

▼ FILTER LOG MESSAGES

Type

access denied
content
cron
hello_world
mail
menu
menu_link_content
page not found

Severity

Emergency
Alert
Critical
Error
Warning
Notice
Info
Debug

[Filter]

TYPE	DATE ▾	MESSAGE	USER	OPERATIONS
content	05/07/2017 – 17:24	article: added Mauris luctus nibh at diam.	admin	View
cron	05/07/2017 – 17:23	Cron run completed.	Anonymous (not verified)	
cron	05/07/2017 – 17:23	Execution of system_cron() took 50.21ms.	Anonymous (not verified)	

Chapter 4: Theming

Chapter 5: Menus and Menu Links

Mauris luctus nibh at diam

| View | Edit | Delete |

Submitted by admin on Sun, 05/07/2017 - 17:23

People ☆

| List | Permissions | Roles |

Home » Administration

+ Add user

Name or email contains

Role

| | | – Any – ▾ |

Filter
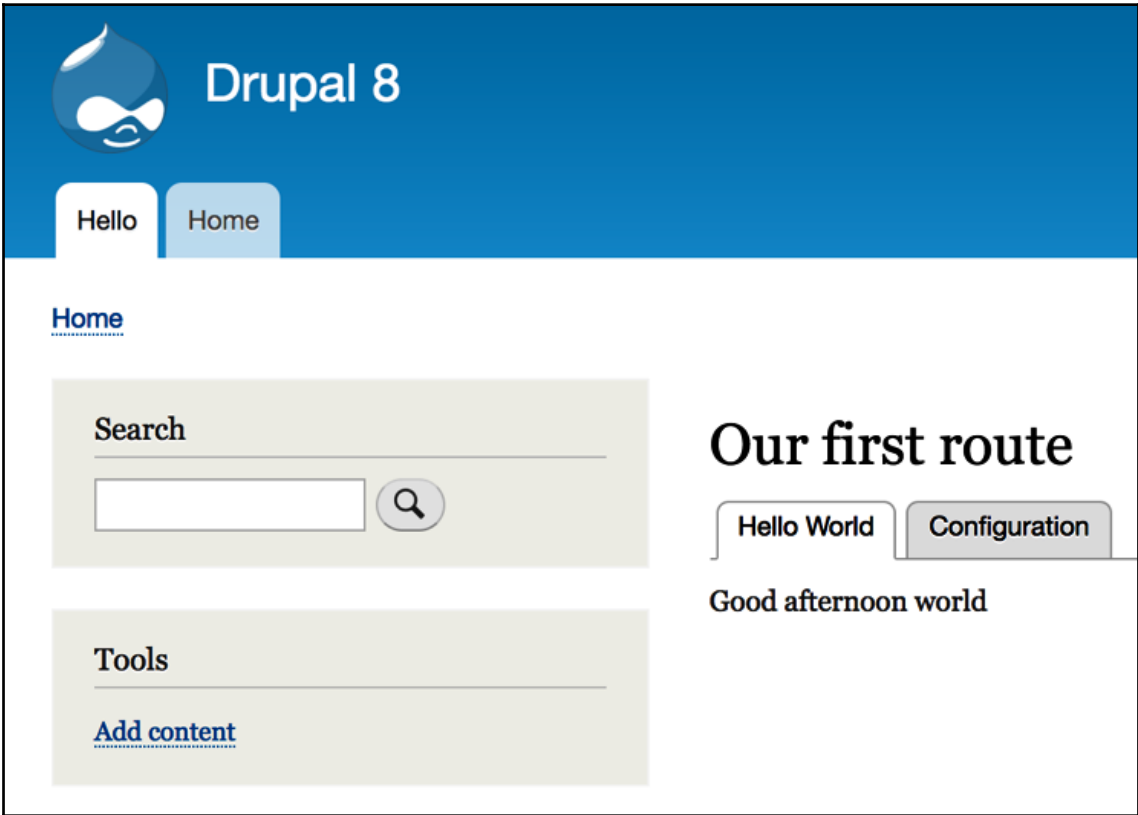
Our first route

| Hello World | Configuration |

Good afternoon world ✏️

Override

Chapter 6: Data Modeling and Storage

Synchronize ☆

Synchronize	Import	Export

Home » Administration » Configuration » Development

Compare the configuration uploaded to your sync directory with the active configuration before completing the import.

NAME	OPERATIONS
There are no configuration changes to import.	

View changes of system.site ✕

ACTIVE		STAGED	
	uuid: 6582f134-0c4b-4428-9c14-d7f2861c6642		uuid: 6582f134-0c4b-4428-9c14-d7f2861c6642
–	name: 'Drupal 8'	+	name: 'Drupal 8 **Development**'
	mail: danny@webomelette.com		mail: danny@webomelette.com
	slogan: ''		slogan: ''

Back to 'Synchronize configuration' page.

Add field ☆

Home » Administration » Structure » Content types » Article » Manage fields

Add a new field

```
✓  - Select a field type -
   General
      Comments
      Email
      Timestamp
      Boolean
      Date
      Link
   Number
      List (float)
      List (integer)
      Number (decimal)
      Number (float)
      Number (integer)
   Reference
      Content
      File
      Image
      Taxonomy term
      User
      Other...
   Text
      List (text)
      Text (formatted)
      Text (formatted, long)
      Text (formatted, long, with summary)
      Text (plain)
      Text (plain, long)
```

FIELD	LABEL	FORMAT
✛ Image	– Hidden – ▼	Image ▼
✛ Body	– Hidden – ▼	Default ▼
✛ Tags	Above ▼	Label ▼
✛ Disclaimer		Visible ▼
✛ Links		Visible ▼
✛ Comments	Above ▼	Comment list ▼

Chapter 7: Your Own Custom Entity and Plugin Types

Product entities ☆

Home » Administration » Structure

+ Add Product

PRODUCT ID	NAME	OPERATIONS
There is no Product yet.		

Product entities ☆

Home » Administration » Structure

+ Add Product

PRODUCT ID	NAME	OPERATIONS
There is no Product yet.		

Add importer ☆

Home » Administration » Structure » Importer entities

Name *

My JSON Product Importer

Machine name: my_json_product_importer [Edit]

Name of the Importer.

Url *

http://127.0.0.1/sites/default/files/products.json

The URL to the import resource

- Select -
✓ JSON Importer

The plugin to be used with this importer.

☑ Update existing

Whether to update existing products if already imported.

Source

products from GGT75

The source of the products.

Save

Product type entities ☆

Home » Administration » Structure

(**+ Add Product type**)

PRODUCT TYPE	MACHINE NAME	OPERATIONS
Goods	goods	Edit
		Manage fields
		Manage form display
		Manage display
		Translate
		Delete

Chapter 8: The Database API

```
vagrant@vagrant:/var/www$ drush updb -y
The following updates are pending:

sports module :
  8001 -   Adds a the "location" field to the teams table.

Do you wish to run all pending updates? (y/n): y
Performing sports_update_8001
Cache rebuild complete.
Finished performing updates.
vagrant@vagrant:/var/www$ █
```

Chapter 9: Custom Fields

These settings apply to the *plates* field everywhere it is used. These settings impact the way that data is stored in the database and can

Plate number maximum length *

```
255
```

Maximum length for the plate number in characters.

Plate code maximum length *

```
5
```

Maximum length for the plate code in characters.

Allowed number of values

| Limited ▼ | 1 |

Save field settings

Widget settings: **Default license plate widget**

Size of plate number textfield *

```
255
```

Size of plate code textfield *

```
5
```

Fieldset default state

| Open ▼ |

The default state of the fieldset which contains the two plate fields: open or closed

▼ PLACEHOLDER

Text that will be shown inside the field until a value is entered. This hint is usually a sample value or a brief description of the expected format.

Number field

Code field

Update   **Cancel**

| Default license plate widget ▼ |

License plate size: 255 (for number) and 5 (for code)
Placeholder: NY 543345
Fieldset state: open

⚙

Chapter 10: Access Control

PERMISSION	ANONYMOUS USER	AUTHENTICATED USER	ADMINISTRATOR
Block			
Administer blocks	☐	☐	☑
Comment			
Administer comment types and settings *Warning: Give to trusted roles only; this permission has security implications.*	☐	☐	☑
Administer comments and comment settings	☐	☐	☑
Edit own comments	☐	☐	☑
Post comments	☐	☑	☑
Skip comment approval	☐	☑	☑
View comments	☑	☑	☑

PERMISSION	ANONYMOUS USER	AUTHENTICATED USER
Block		
Administer blocks	☐	☐
Comment		
Administer comment types and settings *Warning: Give to trusted roles only; this permission has security implications.*	☐	☐

Block description: Hello world salutation

Title *

| Hello world salutation | Machine name: |

helloworldsalutation [Edit]

☑ Display title

Visibility

Language	Pages
Not restricted	
Content types	
Not restricted	
Pages	
Not restricted	Specify pages by using their paths. Enter one path per line. The '*' character is a wildcard. An example path is */user/** for every user page. *<front>* is the front page.
Roles	
Not restricted	● Show for the listed pages
	○ Hide for the listed pages

Chapter 11: Caching

Performance ☆

Home » Administration » Configuration » Development

▼ CLEAR CACHE

(Clear all caches)

▼ CACHING

Browser and proxy cache maximum age

[<no caching> ▼]

This is used as the value for max-age in Cache-Control headers.

▼ BANDWIDTH OPTIMIZATION

External resources can be optimized automatically, which can reduce both the size and number of requests made to your website.

☐ Aggregate CSS files
☐ Aggregate JavaScript files

[Save configuration]

Chapter 13: Internationalization and Languages

Languages ☆

List   Detection and selection

Home » Administration » Configuration » Regional and language

Reorder the configured languages to set their order in the language switcher block and, when editing content, in the list of selectable languages. This ordering does no

The site default language can also be set. It is not recommended to change the default language on a working site. Configure the Selected language setting on the dete language for language selection.

Interface translations are automatically imported when a language is added, or when new modules or themes are enabled. The report Available translation updates sho the user interface translation page.

+ Add language

NAME	DEFAULT	INTERFACE TRANSLATION	OPERATIONS
✛ English	●	not applicable	Edit ▾
✛ French	○	8133/8150 (99.79%)	Edit ▾

Save configuration

		Default language
☑	**Basic page**	English ▼
		Explanation of the language options is found on the languages list page.
		☑ Show language selector on create and edit pages

☑	**Title**
☑	**Authored by**
☐	**Publishing status**
☐	**Authored on**
☐	**Changed**
☐	**Promoted to front page**
☐	**Sticky at top of lists**
☑	**URL alias**
☑	**Body**

Edit French translation for *Page title block* ☆

Home » Administration » Structure » Block layout » Configure block » Translate

▼ **PAGE TITLE BLOCK SETTINGS**

Description
Page title

Description

[Save translation]

▼ FILTER TRANSLATABLE STRINGS

String contains

[   ]

Leave blank to show all strings. The search is case sensitive.

Translation language   **Search in**
[French   ▼]   [Both translated and untr ▼]   (Filter)

SOURCE STRING	TRANSLATION FOR FRENCH
Forms	Formulaires
Home	Accueil
User interface	Interface utilisateur
Title	Titre
Body	Corps

▼ FILTER TRANSLATABLE STRINGS

String contains

[Book   ]

Leave blank to show all strings. The search is case sensitive.

Translation language   **Search in**
[French   ▼]   [Both translated and untr ▼]   (Filter)   (Reset)

SOURCE STRING	TRANSLATION FOR FRENCH
Book	Livre
Book In Context: The verb "to book"	Réserver

Chapter 14: Batches, Queues, and Cron

```
vagrant@vagrant:/var/www$ drush products-import-run --importer=json
Importing product TV
Importing product VCR
Importing product Stereo
Importing product Bike
Importing product Speakers
Importing product Gameboy
No products had to be deleted.
6 products imported.
The "json" importer has been run.
```

Cron takes care of running periodic tasks like checking for updates and indexing content for search.

Run cron

Last run: *21 seconds* ago.

To run cron from outside the site, go to http://vagrant.loc/cron/_D9Yg6tH_zBgYxR5c-DOglfh0RafvK2KyJju5N4FcXLMYisyT8EKcZ4ADifvEsdzANjwa9MRaw

▼ CRON SETTINGS

Run cron every

3 hours ▼

More information about setting up scheduled tasks can be found by reading the cron tutorial on drupal.org.

Save configuration

```
vagrant@vagrant:/var/www$ drush products-import-run
The plugin JSON Importer is already running.    [status]
vagrant@vagrant:/var/www$
```

```
vagrant@vagrant:/var/www$ drush products-import-run
Importing product TV                             [ok]
Importing product VCR                            [ok]
Importing product Stereo                         [ok]
Importing product Bike                           [ok]
Importing product Speakers                       [ok]
Importing product Gameboy                        [ok]
No products had to be deleted.                   [status]
6 products imported.                             [status]
The "This da JSON" importer has been run.        [success]
vagrant@vagrant:/var/www$
```

Chapter 15: Views

VIEW SETTINGS

Show: | Players ▼ | sorted by: | Unsorted ▼ |

	Search		Category
			Sports ▼

	TITLE	CATEGORY	DESCRIPTION
☐	**ID**	Sports	The unique player ID.

The player data.

☐ Create a label

☐ Exclude from display
    Enable to load this field as hidden. Often use

Full data (unserialized)
✓ Full data (serialized)
A certain key

a be displayed. Yo

Shows a disclaimer message

☐ Create a label

☐ Exclude from display
    Enable to load this field as hidden. Often used to group fields, or to use as token in ano

Text

The content provided is for general information purposes only.

The text to display for this field. You may include HTML or Twig. You may enter data from

Configure field: Product: Importer

Information about the Product importer.

☐ Create a label

☐ Exclude from display
Enable to load this field as hidden. Often used to group fields,

Importer

Entity ▼

Which importer label to use?

The name of the team.

Relationship

Player team ▼

☐ Expose this filter to visitors, to allow them to change it

Operator   **Teams**
🔵 Is one of   ☐ Select all
◯ Is not one of   ☐ Team Red
◯ Is empty (NULL)   ☐ Team Blue
◯ Is not empty (NOT NULL)

Chapter 16: Working with Files and Images

File system ☆

Public file system path

sites/default/files

A local file system path where public files will be stored. This directory must exist and be writable by Drupal. This directory must be relative to the Dru

Public file base URL

http://vagrant.loc/sites/default/files

The base URL that will be used for public file URLs. This can be changed in settings.php

Private file system path

sites/default/private

An existing local file system path for storing private files. It should be writable by Drupal and not accessible over the web. This must be changed in set

Temporary directory

/tmp

A local file system path where temporary files will be stored. This directory should not be accessible over the web.

Delete orphaned files after

6 hours

Orphaned files are not referenced from any content but remain in the file system and may appear in administrative listings. **Warning:** If enabled, orpha

Interface translations directory *

sites/default/files/translations

A local file system path where interface translation files will be stored.

Default download method

◉ Public local files served by the webserver.

◯ Private local files served by Drupal.

This setting is used as the preferred download method. The use of public files is more efficient, but does not provide any access control.

Name *

CSV

Name of the Importer.

Plugin *

CSV Importer ▼

The plugin to be used with this importer.

▼ PLUGIN CONFIGURATION FOR *CSV IMPORTER*

File *

📄 products.csv   (Remove)

The CSV file containing the product records.

Image toolkit ☆

Home » Administration » Configuration » Media

Select an image processing toolkit

🔘 GD2 image manipulation toolkit

▼ GD2 IMAGE MANIPULATION TOOLKIT SETTINGS

JPEG quality

75 %

Define the image quality for JPEG manipulations. Ranges from 0 to 100. Higher values mean better image quality but bigger files.

Save configuration

+ Add image style

STYLE NAME	OPERATIONS
Large (480×480)	Edit ▼
Medium (220×220)	Edit ▼
Thumbnail (100×100)	Edit ▼

Chapter 17: Automated Testing

▼ PLUGIN CONFIGURATION FOR *CSV IMPORTER*

File *

📄 products.csv   (Remove)

The CSV file containing the product records.