



Drupal

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# Gmail API

<https://www.drupal.org/project/gmail>

# Pathauto

<https://www.drupal.org/project/pathauto>

# Field Validation

[https://www.drupal.org/project/field\\_validation](https://www.drupal.org/project/field_validation)

# Feeds

<https://www.drupal.org/project/feeds>

# ShURLy

<https://www.drupal.org/project/shurly>

# Custom Twig Formatter

[https://www.drupal.org/project/custom\\_twig\\_formatter](https://www.drupal.org/project/custom_twig_formatter)

field\_imageurl

```
{ { field_imageurl.value } }
```

https://

```
{ { field_imageurl.value|replace({'https://': ''}) } }
```

html

```

```

Custom Formatters

# Easy Breadcrumb

<https://www.drupal.org/project/easyBreadcrumb>

Drupal.org  
 ( Drupal )

Drupal.org

Drupal.org easy\_breadcrumb + pathauto

Drupal.org /book Drupal pathauto  
 Drupal.org /book/[title]

/book Drupal views block Drupal

Drupal.org

Drupal > book > Drupal

Drupal.org

# amp

<https://www.drupal.org/project/amp>

Drupal amp

## AMP

```
composer require drupal/amp
composer require drupal/amptheme
composer require drupal/stable
```



admin/appearance  
ExAMPlE Subtheme

## AMP

admin/config/services/amp

ExAMPlE Subtheme

AMP

"?amp" amp

amp

amp

<https://search.google.com/test/amp>



<https://search.google.com/test/amp>

amp

block



□ amp-ad□□□□□ amp-ad extension script□□□□□□□□□□  
□□□□□ JavaScript□

□□□□□□□□□ amp

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□□□□□ AMP□□ Feeds Extensible Parsers□□□□ QueryPath JSON parser  
□□□□□□□□□

# Backup and Migrate

[https://www.drupal.org/project/backup\\_migrate](https://www.drupal.org/project/backup_migrate)

```
mkdir private;chown -R www-data:www-data private;/composer require 'drupal/backup_migrate:^5.0';drush en  
backup_migrate;echo "\$settings['file_private_path'] = '../private';" | tee -a web/sites/default/settings.php
```



# YouTube Embed Formatter

□□□□□□□□□ ( youtube\_id ) □□□□□

/web/modules/contrib/ □□□□□ youtube\_embed

□□□□□□□□ youtube\_embed.info.yml

```
name: 'YouTube Embed Formatter'  
type: module  
description: 'Formats a field containing a YouTube ID as an embedded video.'  
core_version_requirement: ^10|^11  
package: Custom  
dependencies:  
  - field
```

mkdir -p src/Plugin/Field/FieldFormatter/

cd src/Plugin/Field/FieldFormatter/

□□□□□ YouTubeEmbedFormatter.php

```
<?php  
  
namespace Drupal\youtube_embed\Plugin\Field\FieldFormatter;  
  
use Drupal\Core\Field\FormatterBase;  
use Drupal\Core\Field\FieldItemListInterface;  
use Drupal\Core\Form\FormStateInterface;  
use Drupal\Core\Plugin\ContainerFactoryPluginInterface;  
  
/**  
 * Plugin implementation of the 'youtube_embed' formatter.  
 *  
 * @FieldFormatter(  
 *   id = "youtube_embed_formatter",  
 *   label = @Translation("YouTube Embed with RWD and Autoplay"),  
 *   field_types = {  
 *     "string",
```

```

*   "string_long"
* }
*)
*/
class YouTubeEmbedFormatter extends FormatterBase {

/**
 * {@inheritDoc}
 */
public function viewElements(FieldItemListInterface $items, $langcode) {
$elements = [];

foreach ($items as $delta => $item) {
// YouTube ID
$youtube_id = trim($item->value);

// RWD
iframe
$elements[$delta] = [
'#type' => 'markup',
'#markup' => '<div class="youtube-video-wrapper"><iframe src="https://www.youtube.com/embed/' .
htmlspecialchars($youtube_id, ENT_QUOTES, 'UTF-8') . '?autoplay=1&mute=0" frameborder="0" allowfullscreen></iframe></div>',
'#allowed_tags' => ['iframe', 'div'],
];
}

return $elements;
}
}

```

HTML CSS RWD

```

<style>
/* YouTube */
.youtube-video-wrapper {
position: relative;
padding-bottom: 56.25%; /* 16:9 */
height: 0;
overflow: hidden;
max-width: 100%;

```

```
background: #000;
margin-bottom: 20px; /* □ */
}

.youtube-video-wrapper iframe {
position: absolute;
top: 0;
left: 0;
width: 100%;
height: 100%;
}
</style>
```