



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

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>

field_imageurl

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

https://

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

html

```

```

Custom Formatters

amp

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

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

amp

AMP Feeds Extensible Parsers QueryPath JSON parser

Backup and 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;
}
}

```

CSS RWD

```

<style>
/* YouTube RWD */
.youtube-video-wrapper {
    position: relative;
    padding-bottom: 56.25%; /* 16:9 RWD */
    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>
```