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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

Easy Breadcrumb

https://www.drupal.org/project/easy_breadcrumb

()

#####

easy_breadcrumb + pathauto

/book ##### pathauto

/book/[title]

/book ##### views block #####

#####

> book > #####

#####

amp

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

Drupal amp

??AMP???

```
composer require drupal/amp
composer require drupal/amptHEME
composer require drupal/stable
```

????

admin/appearance


??AMP

admin/config/services/amp

ExAMPlE Subtheme






"?amp" 
amp

amp

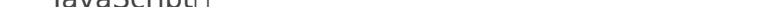
<https://search.google.com/test/amp>

??????

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

||||| amp ||||||||||||||| block |||||||||||

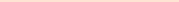
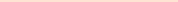
??????



The diagram illustrates the structure of an AMP extension script. It is divided into two main sections: 'amp-ad' and 'JavaScript'. The 'amp-ad' section contains four small square blocks, representing AMP components. The 'JavaScript' section contains a single large rectangular block, representing the extension script. The entire structure is enclosed in a larger rectangular frame.

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

```

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

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