

# 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>
```

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影片 #2

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