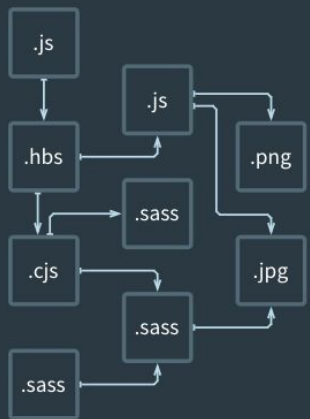


WEBPACK & SYMFONY

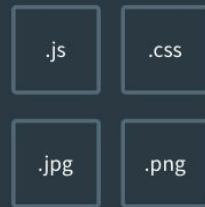
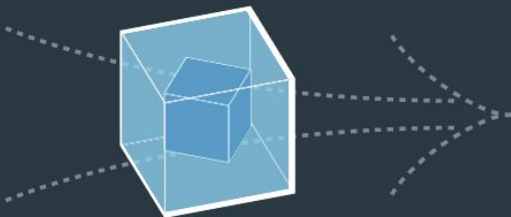
...

Webpack

bundle your images



MODULES WITH DEPENDENCIES



STATIC ASSETS

Webpack en quelques mots

“At its core, webpack is a static module bundler for modern JavaScript applications. When webpack processes your application, it internally builds a dependency graph which maps every module your project needs and generates one or more bundles.”

Webpack

- Utiliser un serveur local
- Utiliser le Live Reload
- Compiler tous vos fichiers pour les regrouper en un seul.
- Disposer de toutes les ressources statiques (CSS, images, fontes) en tant que module,
- Intégrer et consommer des bibliothèques tierces très simplement en tant que module et proprement,
- Séparer votre build en plusieurs morceaux, chargés à la demande,
- Garder un chargement initial très rapide si besoin,
- Personnaliser la plupart des étapes du processus,

Webpack Encore en quelques mots

“Webpack Encore is a simpler way to integrate Webpack into your application. It wraps Webpack, giving you a clean & powerful API for bundling JavaScript modules, pre-processing CSS & JS and compiling and minifying assets. Encore gives you professional asset system that's a delight to use.”

Assetic VS Webpack Encore

	Assetic	Encore
Language	Pure PHP, relies on other language tools for some tasks	Node.js
Combine assets?	Yes	Yes
Minify assets?	Yes (when configured)	Yes (out-of-the-box)
Process Sass/Less?	Yes	Yes
Loads JS Modules? ^[1]	No	Yes
Load CSS Deps in JS? [1]	No	Yes
React, Vue.js support?	No ^[2]	Yes
Support	Not actively maintained	Actively maintained

Installation

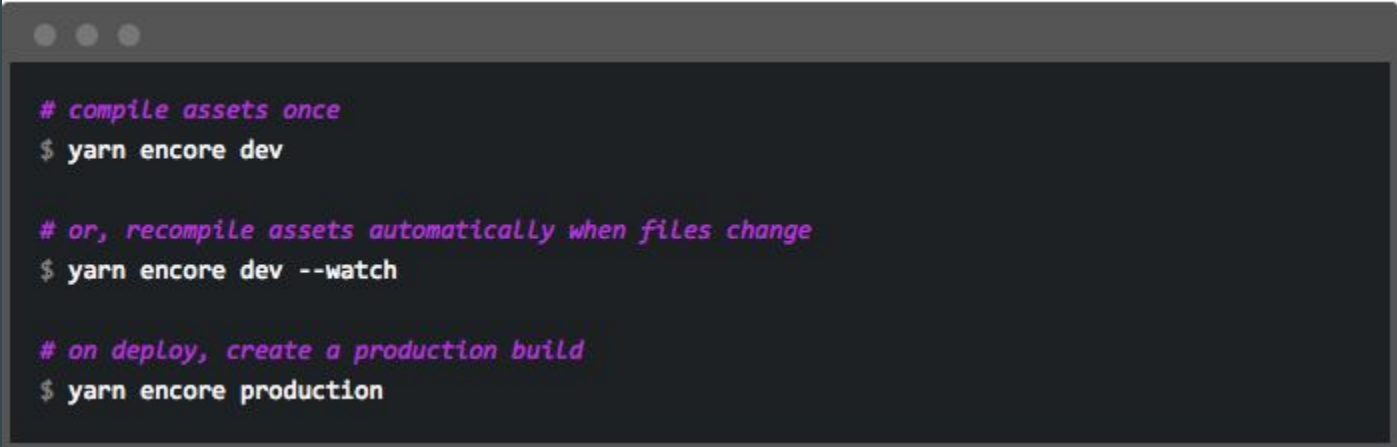
```
$ composer require encore
```

```
$ yarn install
```

Fichier webpack.config.js

```
1  var Encore = require('@symfony/webpack-encore');
2
3  Encore
4      // directory where compiled assets will be stored
5      .setOutputPath('public/build/')
6      // public path used by the web server to access the output path
7      .setPublicPath('/build')
8      // only needed for CDN's or sub-directory deploy
9      //.setManifestKeyPrefix('build/')
10
11  /*
12   * ENTRY CONFIG
13   *
14   * Add 1 entry for each "page" of your app
15   * (including one that's included on every page - e.g. "app")
16   *
17   * Each entry will result in one JavaScript file (e.g. app.js)
18   * and one CSS file (e.g. app.css) if you JavaScript imports CSS.
19   */
20  .addEntry('app', './assets/js/app.js')
```


Exemple d'utilisation avec Yarn



```
# compile assets once
```

```
$ yarn encore dev
```

```
# or, recompile assets automatically when files change
```

```
$ yarn encore dev --watch
```

```
# on deploy, create a production build
```

```
$ yarn encore production
```

Inclure des fichiers compilés dans le html

Inclure du css :

```
{#<link href="{ asset('assets/css/app.css') }" rel="stylesheet" />#}  
{ { encore_entry_link_tags('app') } }
```

Inclure du js :

```
{#<script src="{ asset('assets/js/app.js') }"></script>#}  
{ { encore_entry_script_tags('app') } }
```

Autre exemple

```
- <script src="{{ asset('assets/js/RepLogApp.js') }}"></script>
-
- <script>
-     $(document).ready(function() {
-         var $wrapper = $('.js-rep-log-table');
-         var repLogApp = new RepLogApp($wrapper);
-     });
- </script>
+ {{ encore_entry_script_tags('rep_log') }}
```

```
const $ = require('jquery');
const RepLogApp = require('./Components/RepLogApp');

$(document).ready(function() {
    var $wrapper = $('.js-rep-log-table');
    var repLogApp = new RepLogApp($wrapper);
});
```

Résumé

- Symfony Encore est le nouvel outil qui remplace Assetic dans Symfony.
- Assetic n'est plus maintenu
- On peut utiliser toute la puissance du JavaScript moderne
- Et plein d'autres choses...

Sources

- <https://github.com/symfony/webpack-encore>
- <https://symfony.com/doc/current/frontend/encore/versus-assetic.html>
- <https://symfony.com/doc/current/frontend.html>
- <https://iulyanp.github.io/symfony/2017/06/18/symfony-encore/>