
UNDERSTANDING...

PROGRESSIVELY DECOUPLED DRUPAL

OVERVIEW

- Evolution of Websites
- Decoupling
- Progressively Decoupled Drupal
- JS Advantages and Usage

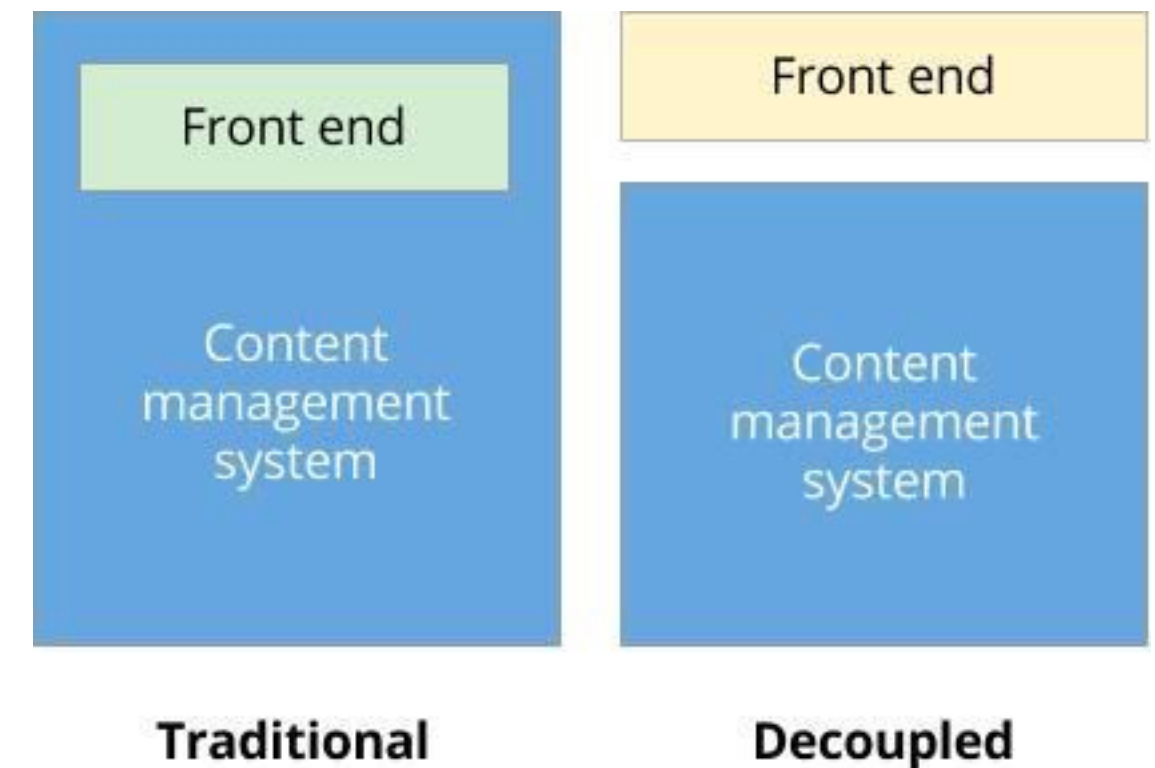


EVOLUTION OF WEBSITES

- Static Documents (HTML)
- Styled Websites (CSS, JS)
- Rich Dynamic Websites (CMS)
- Single Page Apps (JS Frameworks)

DECOUPLING - WHAT & WHY?

- ▶ Separate Drupal Backend and Front-End.
- ▶ SPA and Rich UX.
- ▶ Multiple Applications from single BE.
- ▶ Independent BE & FE development.
- ▶ Eg: gaana.com, clasifika.com



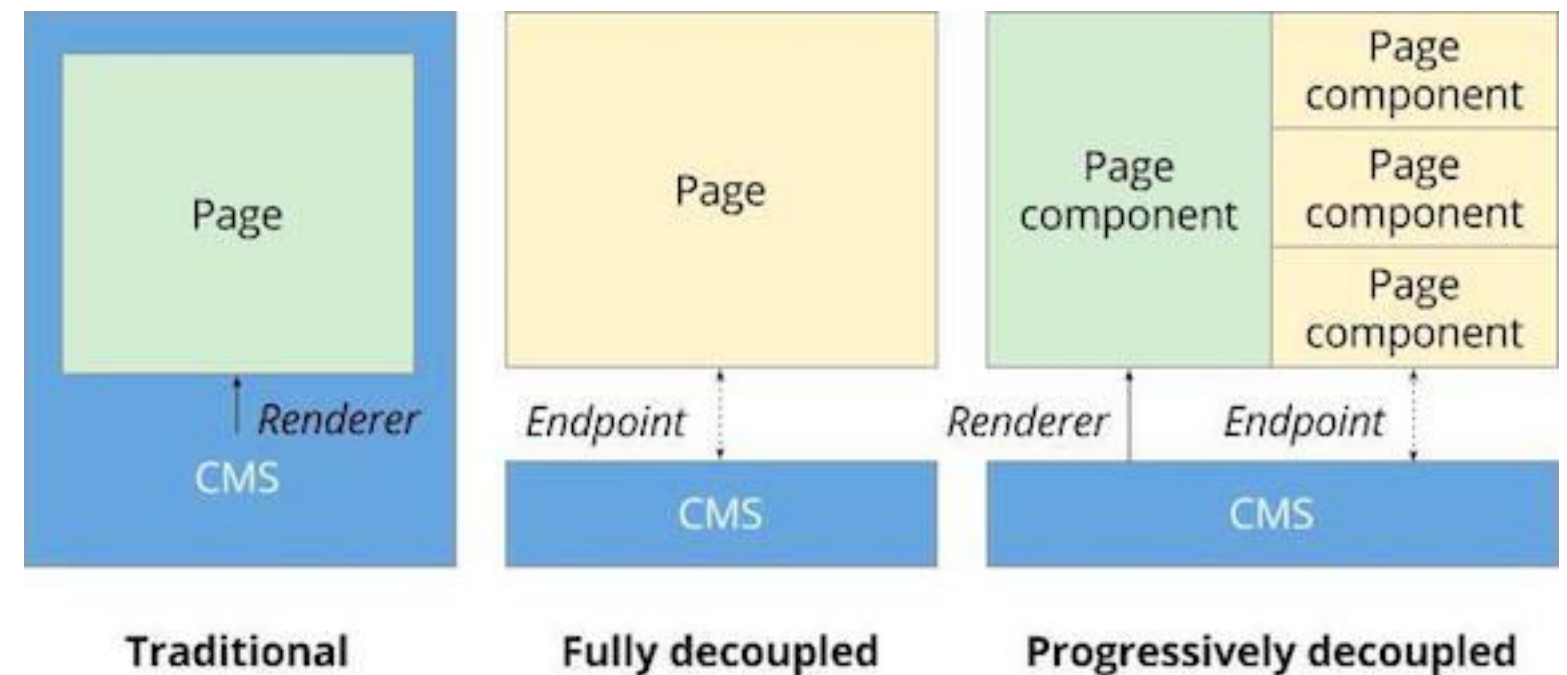
FULLY DECOUPLED MIGHT NOT BE THE BEST SOLUTION :(

- ▶ Drupal Layout management
- ▶ Drupal Security
- ▶ Drupal Caching
- ▶ High development cost and hours

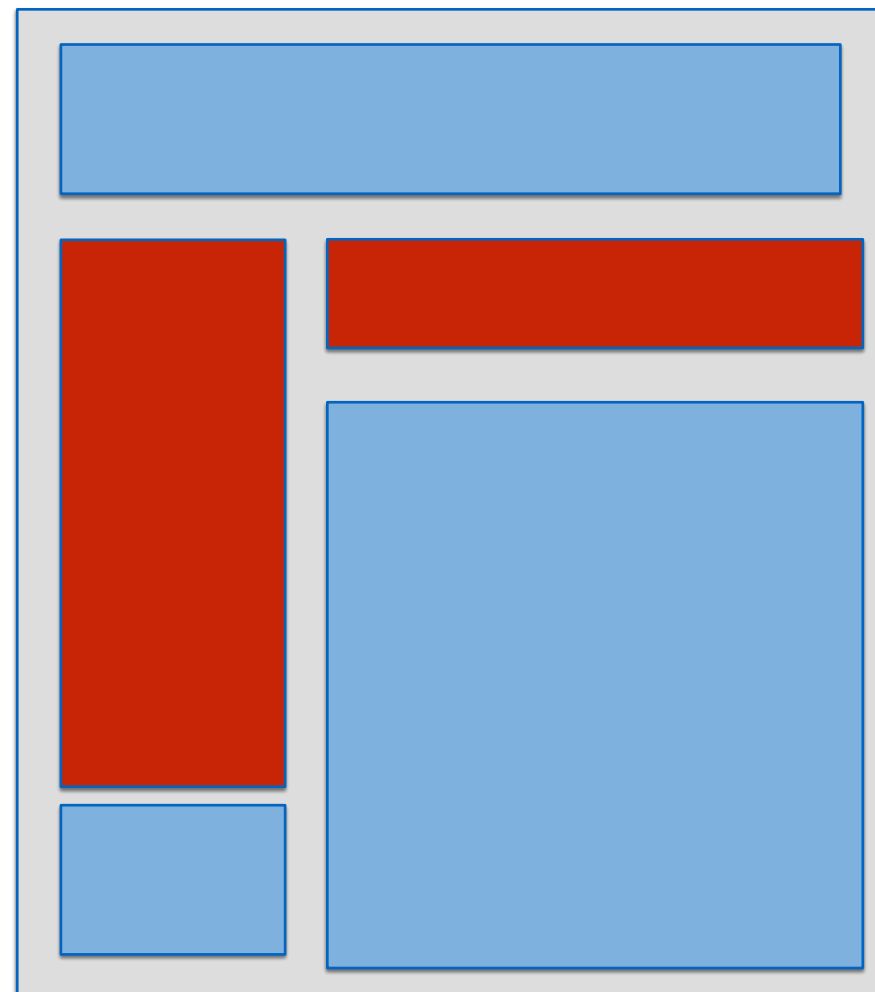
PROGRESSIVELY DECOUPLED DRUPAL

DECOUPLE COMPONENTS OF PAGE RATHER THAN THE WHOLE PAGE

- ▶ Best of Drupal & JS
- ▶ Component based approach
- ▶ Drupal provides skeleton.
- ▶ JS handles Individual components.
- ▶ Control how much to Decouple.



PROGRESSIVELY DECOUPLED DRUPAL



 Decoupled Blocks

 Drupal Blocks

 Drupal Layout

WHY PROGRESSIVELY DECOUPLED DRUPAL?

- ▶ Advantage of Drupal's Advanced Features:
 - ▶ Content Management & Workflow
 - ▶ Drupal Caching
 - ▶ Layout Management
 - ▶ Theme hook suggestions
 - ▶ SECURITY (XSS, CSRF)
- ▶ Advantages of FE frameworks/libraries:
 - ▶ Data-Binding
 - ▶ API Request/Response
 - ▶ Rich UX
 - ▶ Separate FE Logic
 - ▶ Non-Blocking Front end

CHOOSING AND INTEGRATING A JS FRAMEWORK/LIBRARY

- ▶ A lib/framework should offer a **modular UI/Interface**.
- ▶ Choose a library instead of a framework to **drop off extra luggage**.
- ▶ Integration with **Flux and Redux** architectures.
- ▶ Integration with Drupal is pretty easy, use it as **any other JS dependency**

Talk to us at - business@qed42.com

Thank you!