

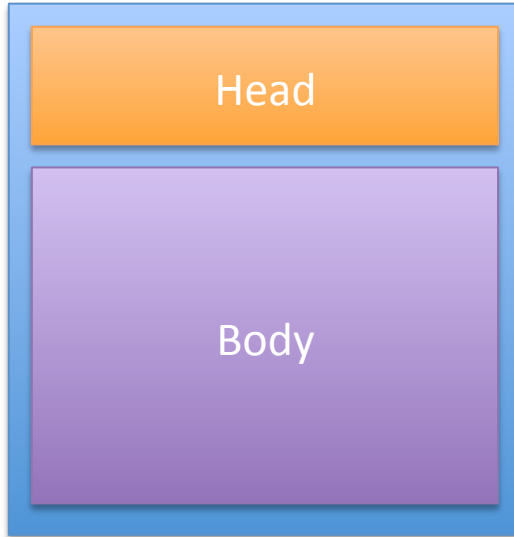
# Goal

- Use existing Concrete5 skills and techniques to build a mobile web app that looks and performs like a native iPhone app.

# Mobile Web App basics

- Plan your web app upfront. Draw a simple storyboard or sitemap.
- Keep each screen simple.
- Be aware of hardware limitations (smaller processor, memory, etc).
- Avoid processor intensive scripts such as slideshows.
- The theme is optimised for Webkit-based mobile browsers (for animations), but basic functionality will still work on most smartphones.
- Encourage repeat users to “bookmark” the app for easy access and full-screen viewing on iOS devices (iPhone, iPad, iPod Touch).

# General site structure



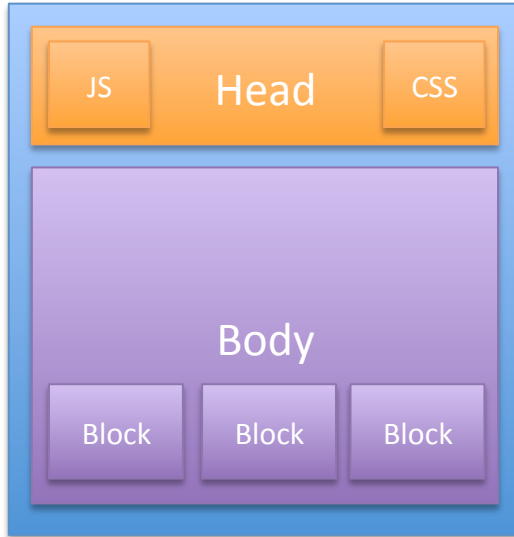
## *Head*

- Links to Javascript files (including jQuery)
- Links to CSS files (formatting)

## *Body*

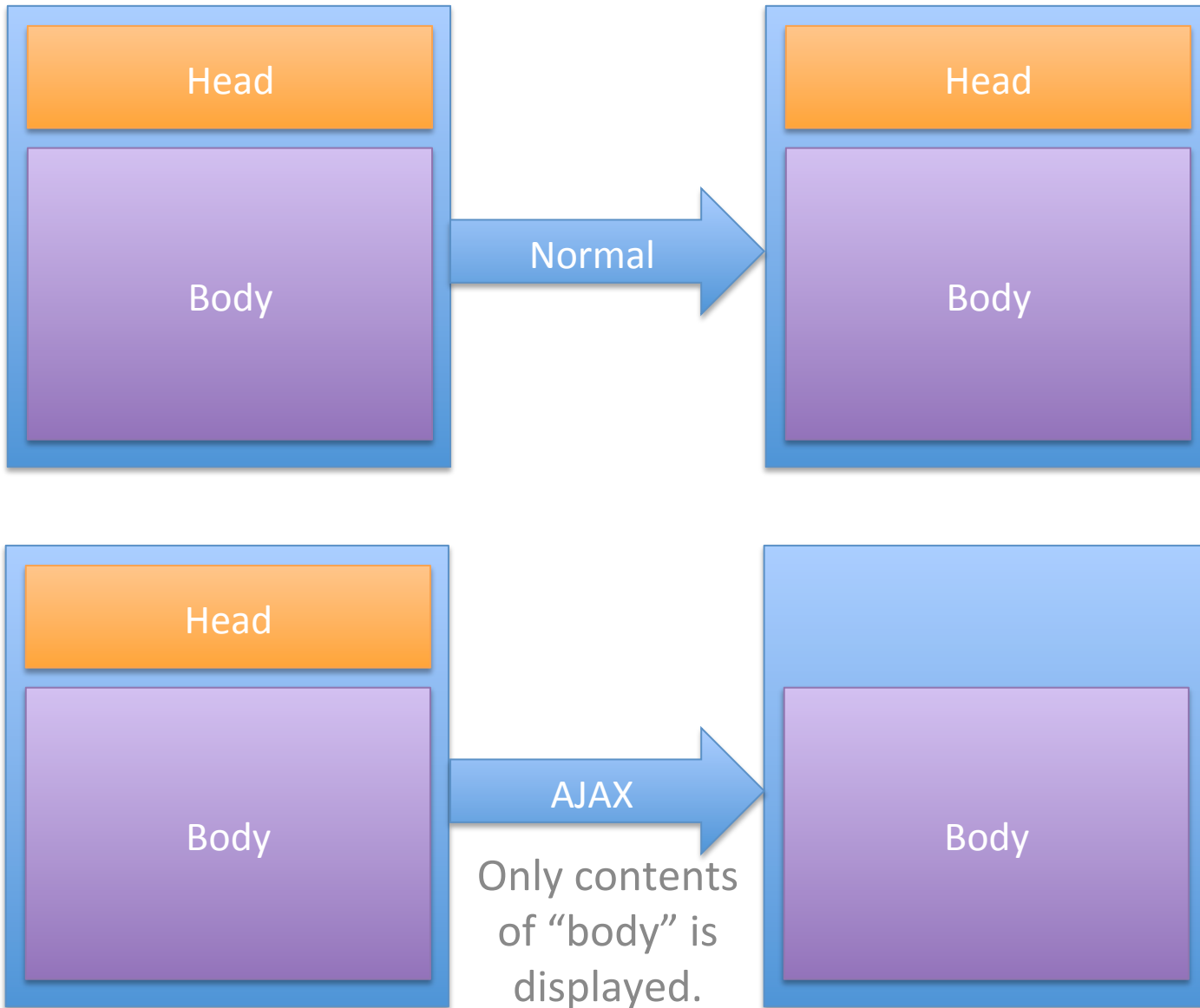
- Content (text, photos, etc)
- HTML code

# How C5 builds a page

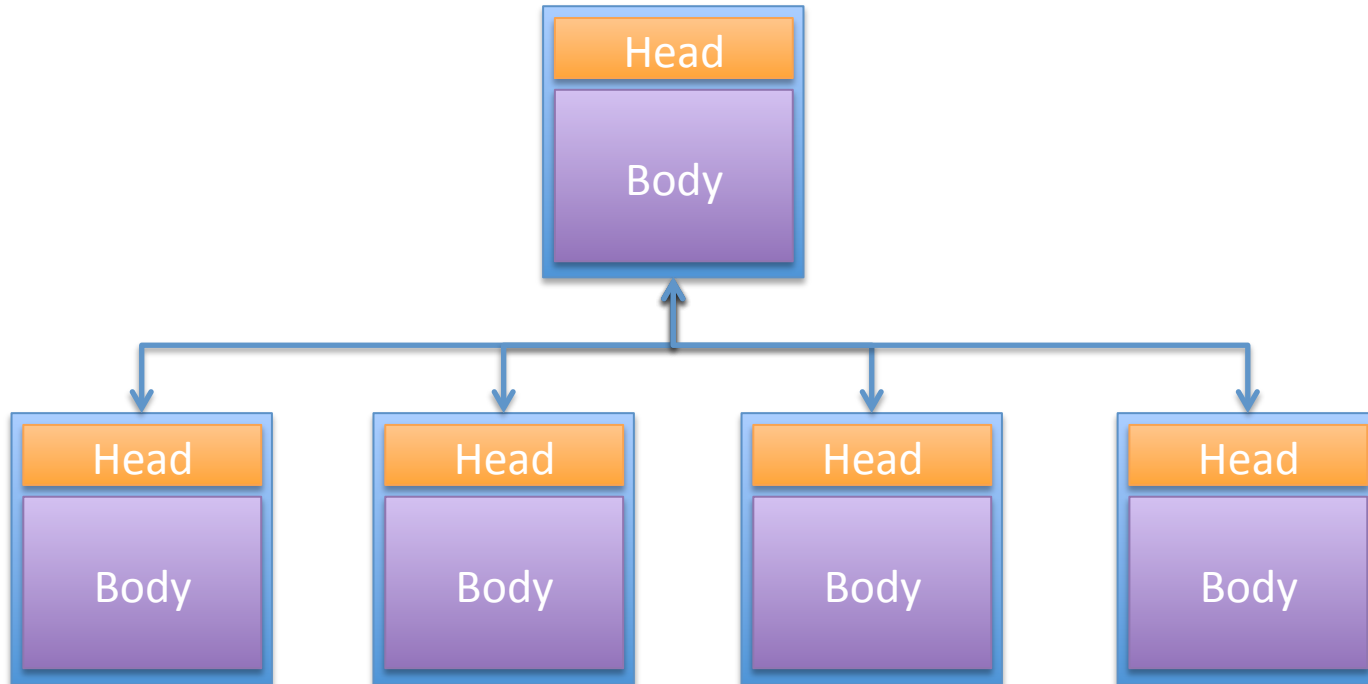


- 1) Concrete5 reads each block on the page.
- 2) It determines if any external CSS and Javascript files are required. If so, they are added to the “head” area of the page.
- 3) The “output” of each block is usually displayed in the “body” area of the page.

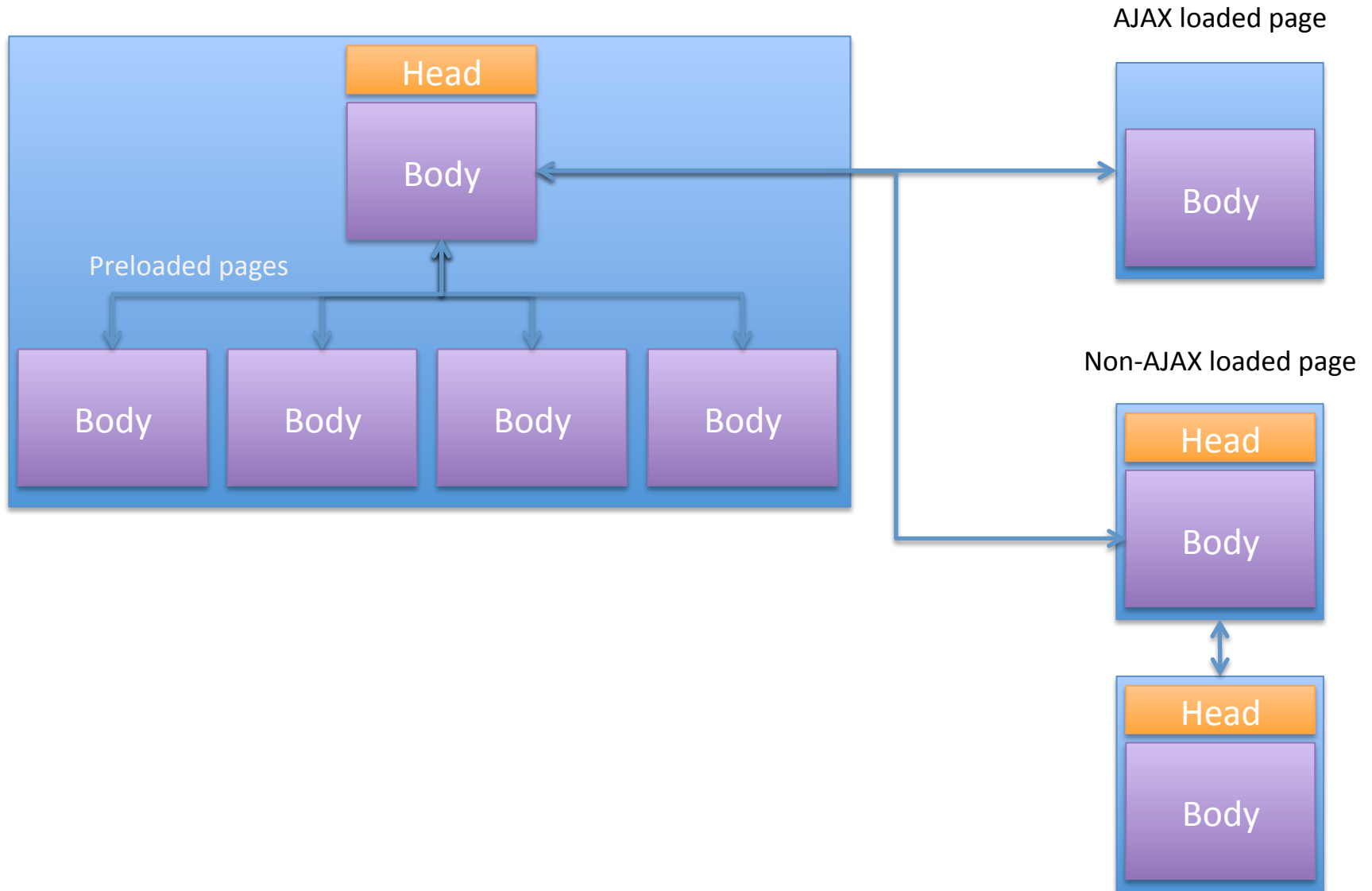
# Using AJAX with Mobile App theme



# Normal C5 site structure

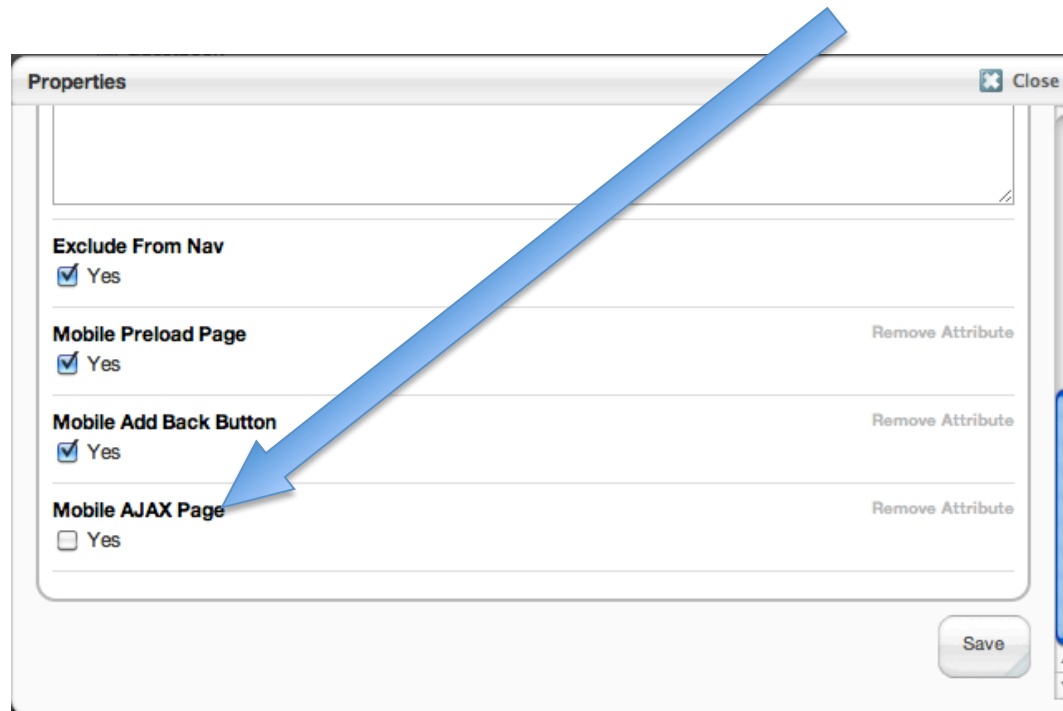


# Mobile App theme site structure



# What this means

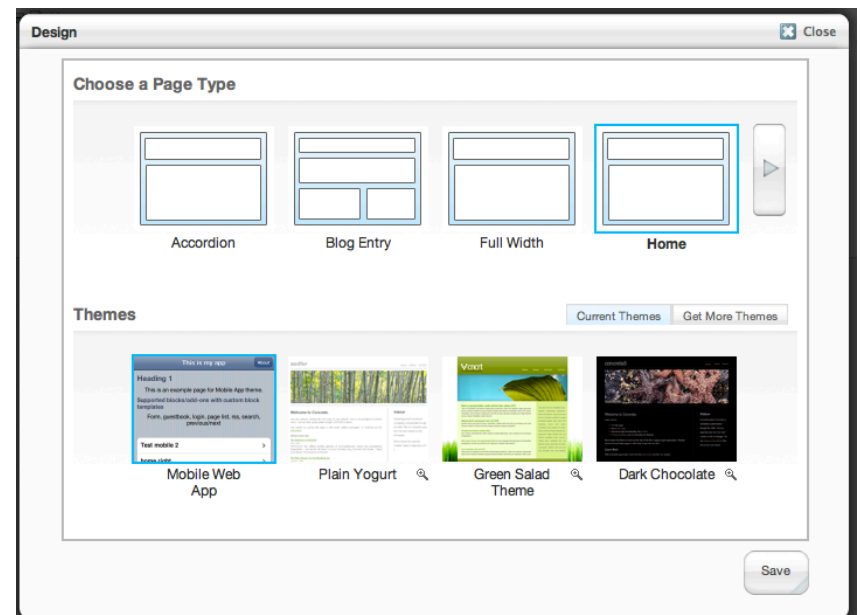
- Any pages that use blocks that embed Javascript and/or CSS in the “head” of a page should be set as a *non-AJAX* page by leaving the custom page attribute “Mobile AJAX Page” unchecked.





# Mobile App page types

- The home page should use the “home” page type (only 1 page on your site).
- All other pages should use the “default” or “full width” page type (it doesn’t really matter which one).



## Editing mobile pages

- It is best to directly access a page via from the Dashboard sitemap before placing it in “edit mode”.
- You can not navigate to a page on the “front-end” and place it in “edit mode” like a regular website, as mobile app pages are usually loaded with AJAX.
- The “back” button (top left) may be hidden when editing a page to minimise confusion.

## Lastly

- Always test your mobile web app before deployment.
- If you don't have a smartphone to test it with, use iOS Simulator (requires Mac) or at Safari (or Google Chrome) web browser.
- Next Video: Building an example mobile web app.