

# Zero to Hero

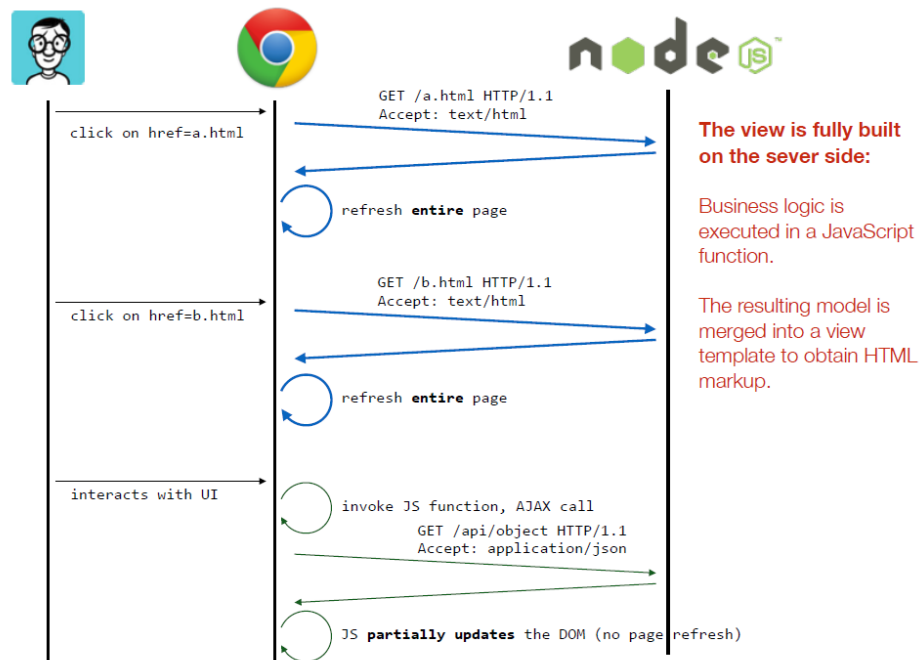
## Part 2: Build and deploy a Single Page Application

Angular.js

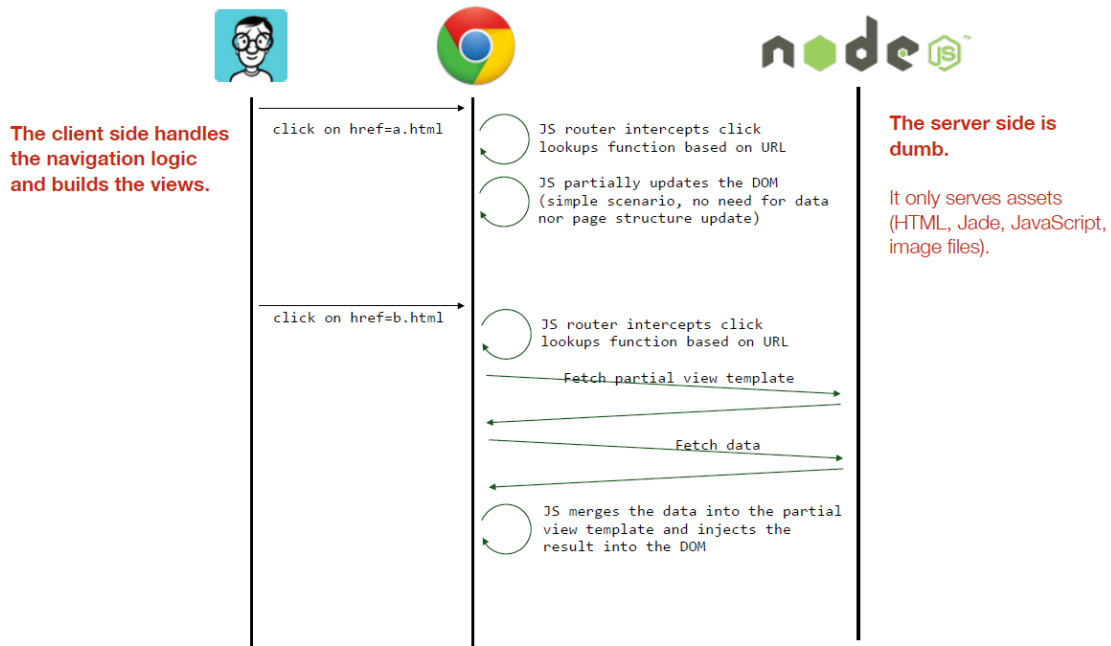
# Multi Page App (classic) vs Single Page Application (SPA)

## Multi-page application architecture

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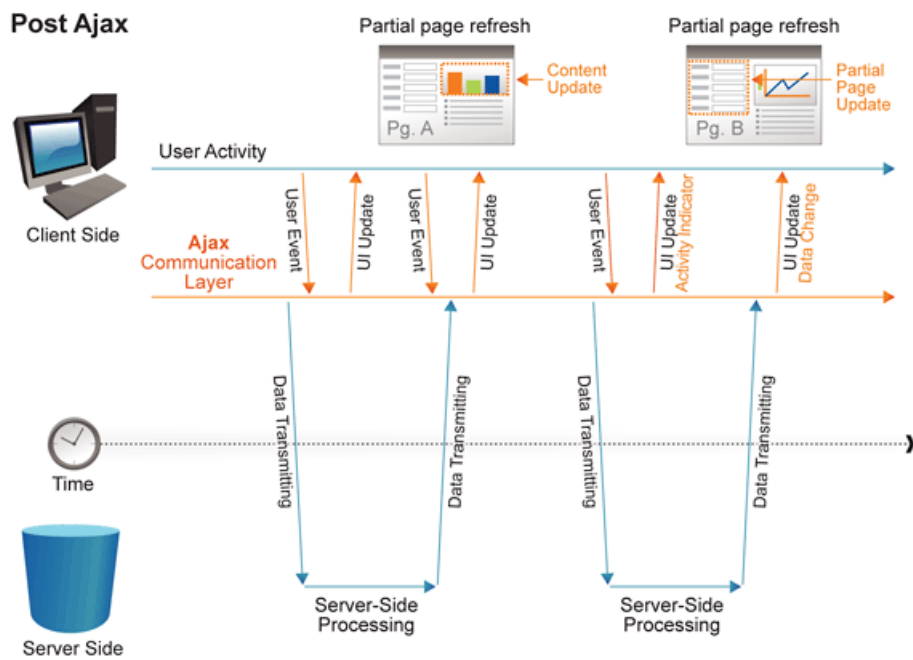
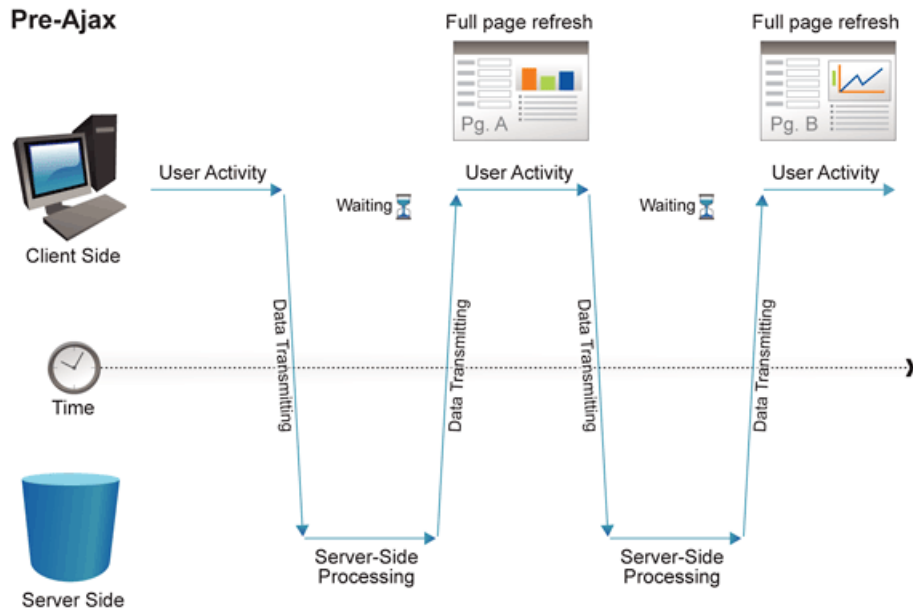


# Single-page application architecture

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There is a big trend towards "single-page applications", where some of the responsibilities are moved from the server to the client side.

- The client initially fetches a single "shell" page, which provides a rendering context and loads application modules (scripts, markup partials, stylesheets, etc.).
- When the user clicks on hyperlinks, the browser does not (immediately) send an HTTP request to fetch a new page. Instead, the event is caught and processed by a JavaScript router on the client side.
- Routing is done on the client side. The JavaScript router (typically provided by an application framework) looks at the target URL and decides which JavaScript function needs to be invoked. This function can update the DOM, sometimes in drastic manners (giving the impression that we move from an "Customers List" page to a "Customer Details" page).



<http://www.websiteoptimization.com/secrets/ajax/8-1-ajax-pattern.html>

## Paper to WWW