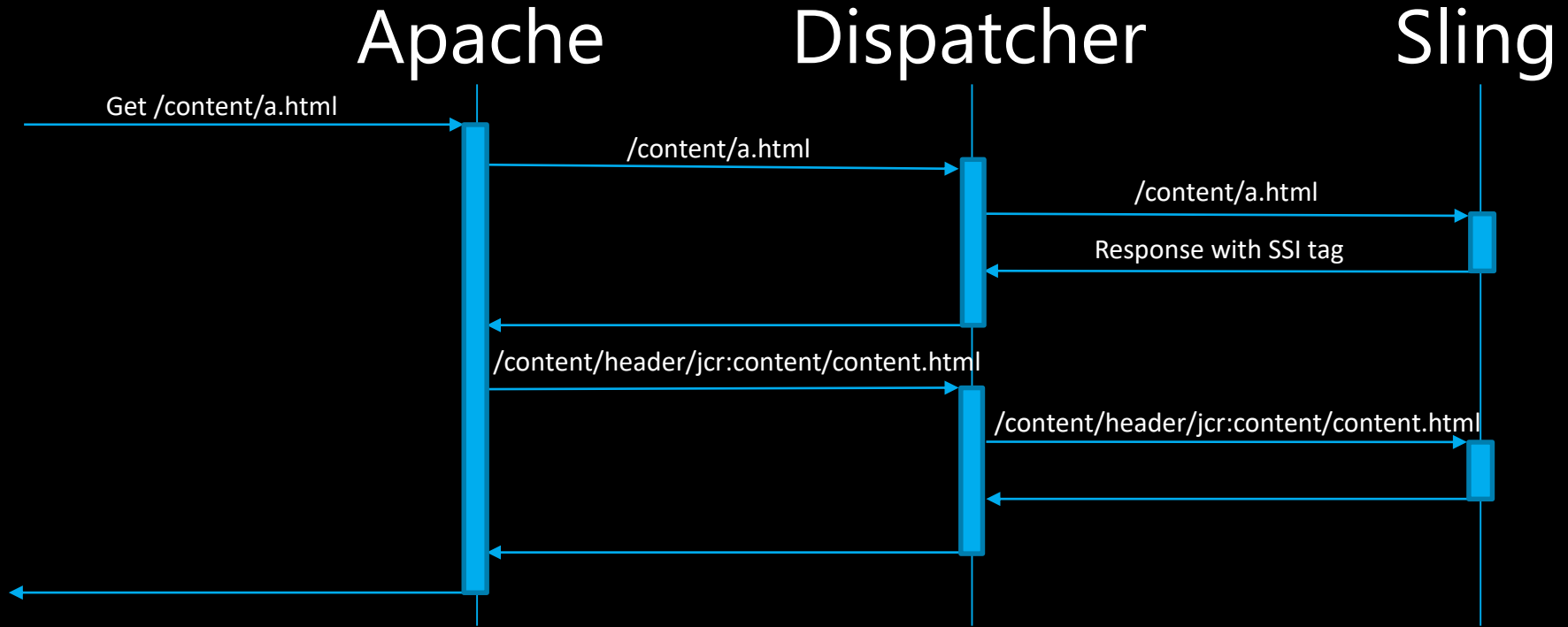APACHE SLING & FRIENDS TECH MEETUP
10-12 SEPTEMBER 2018

Sling Dynamic Include
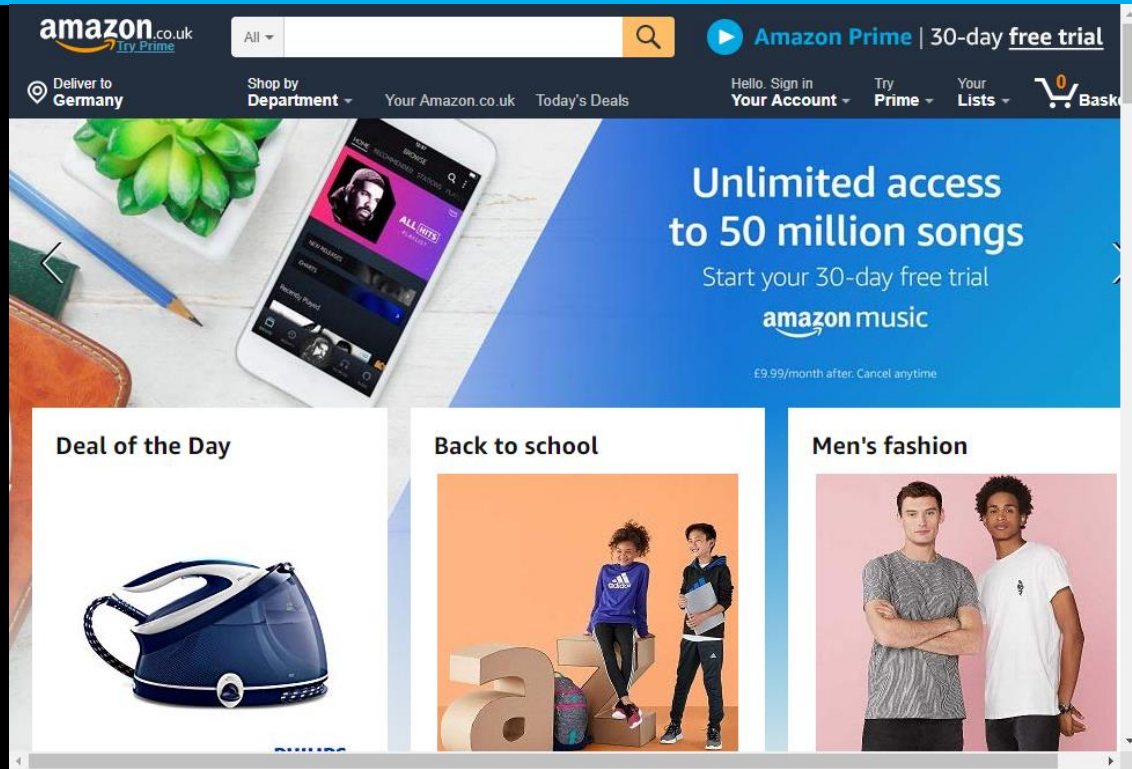Dawid Lewandowski, Cognifide

Concept

- Sling Filter
- The filter works on components level
- The filter produces SSI tag for specific components instead of markup
- Apache detects SSI and makes additional request for the markup
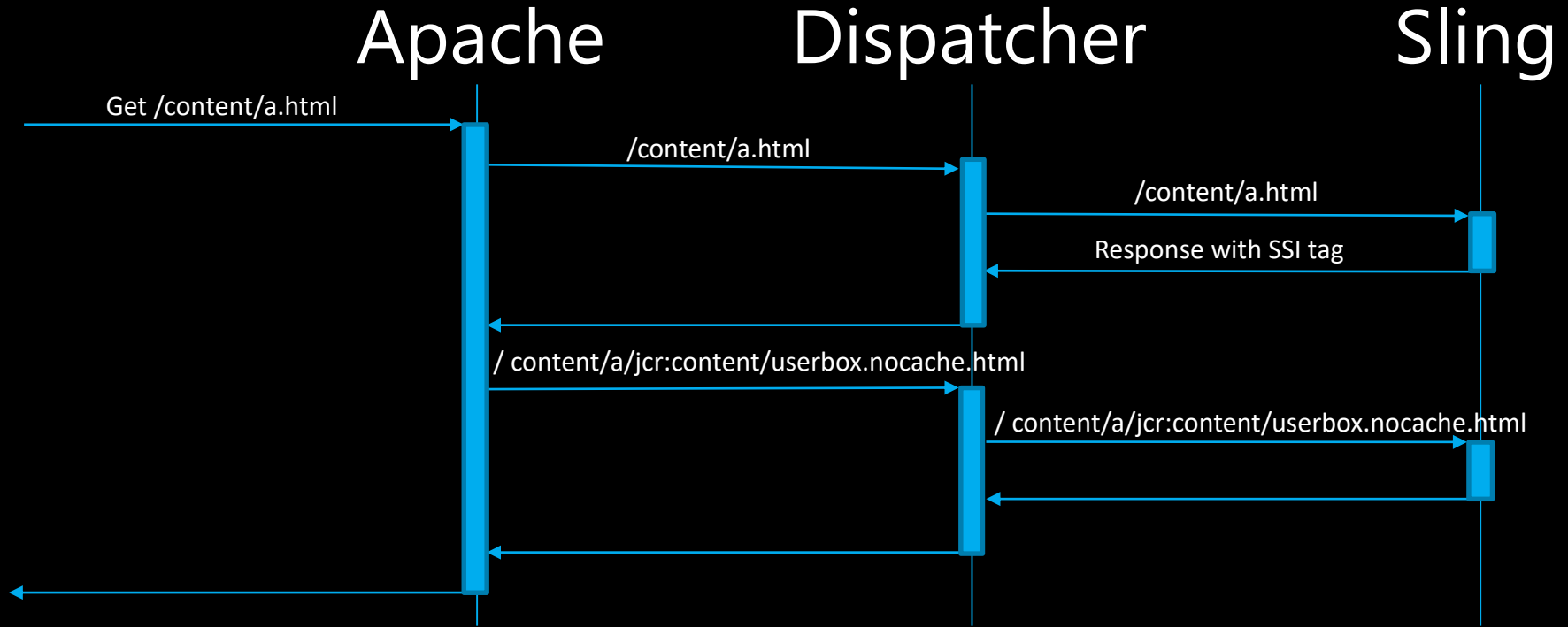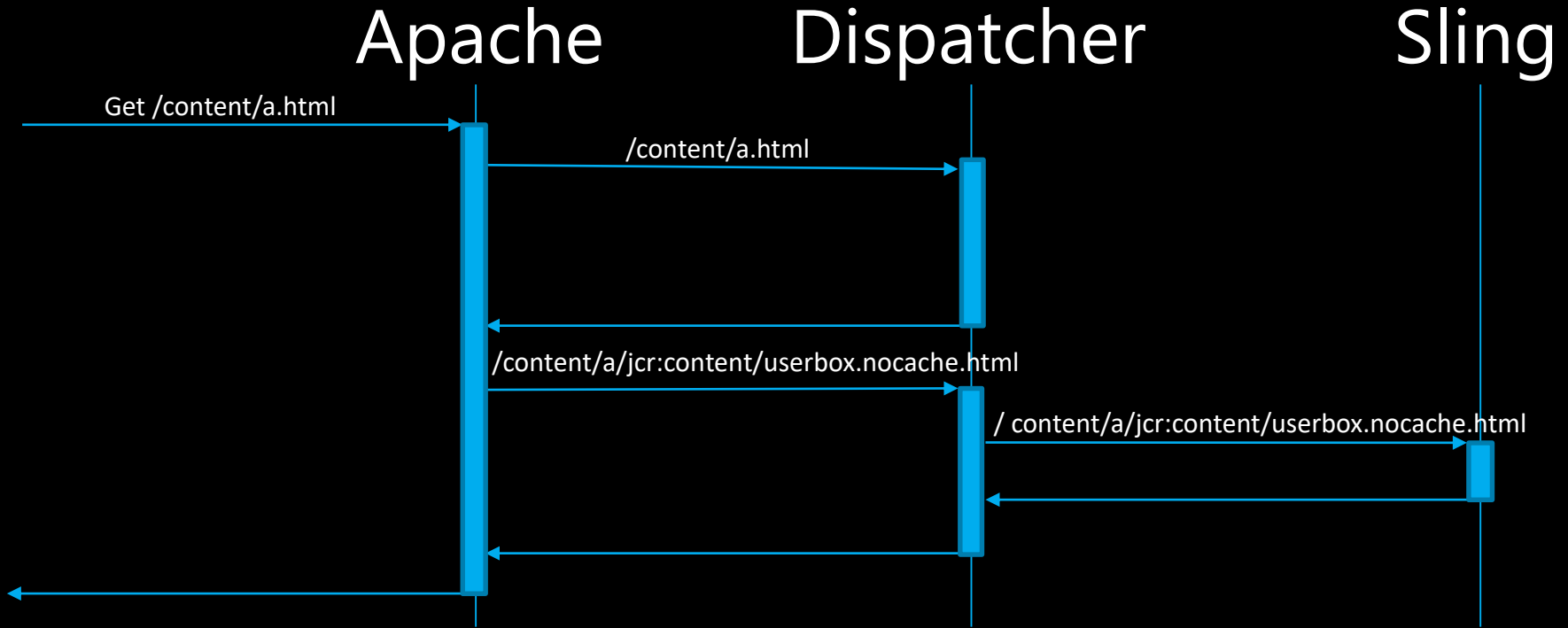
System architecture

When

Dynamic content

- User components
- Integration components

Dynamic content

Apache   Dispatcher   Sling

Get /content/a.html

/content/a.html

/content/a.html

Response with SSI tag

/ content/a/jcr:content/userbox.nocache.html

/ content/a/jcr:content/userbox.nocache.html

Dynamic content

Apache　　　　Dispatcher　　　　Sling

Get /content/a.html

/content/a.html

/content/a/jcr:content/userbox.nocache.html

/ content/a/jcr:content/userbox.nocache.html

Shared content

- Header
- Footer
- Experience fragment

Shared content
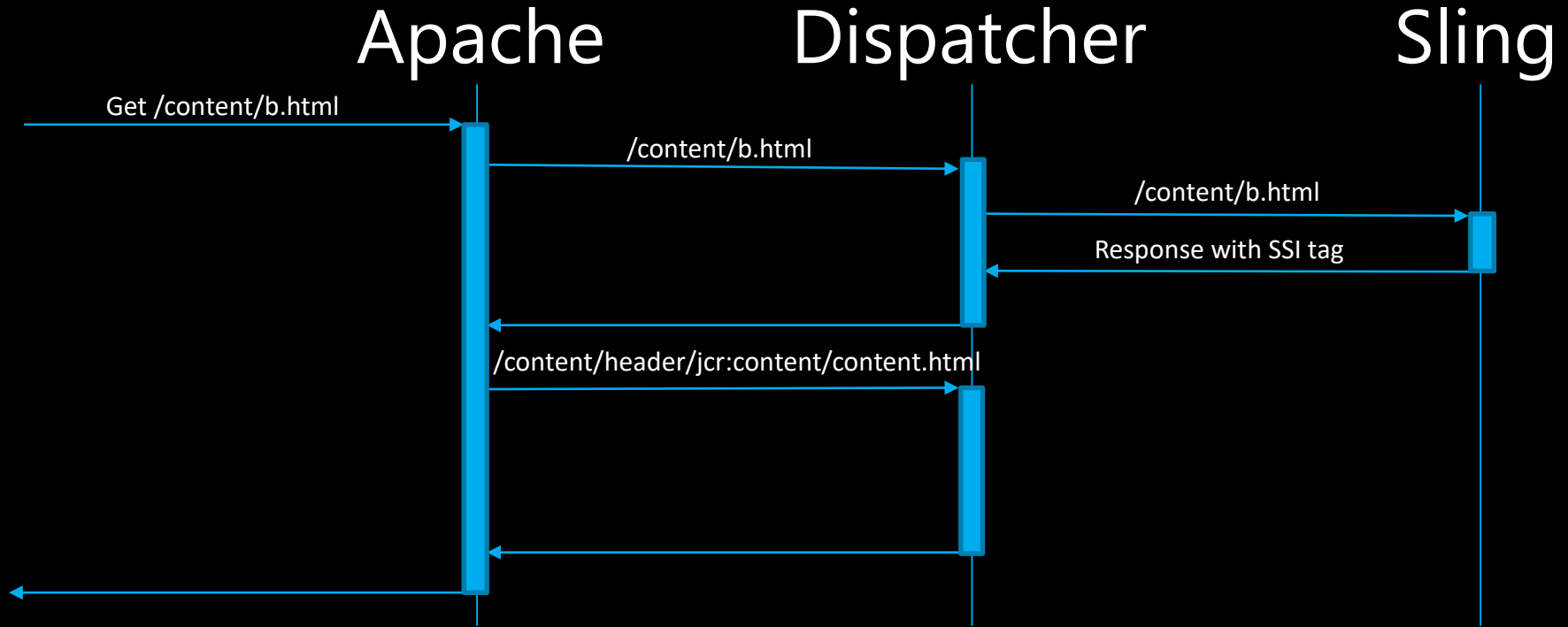
Shared content

Do I use it right

- SDI is transparent for components
- SDI is transparent for authors

Size doesn't matter