

Responsive Design

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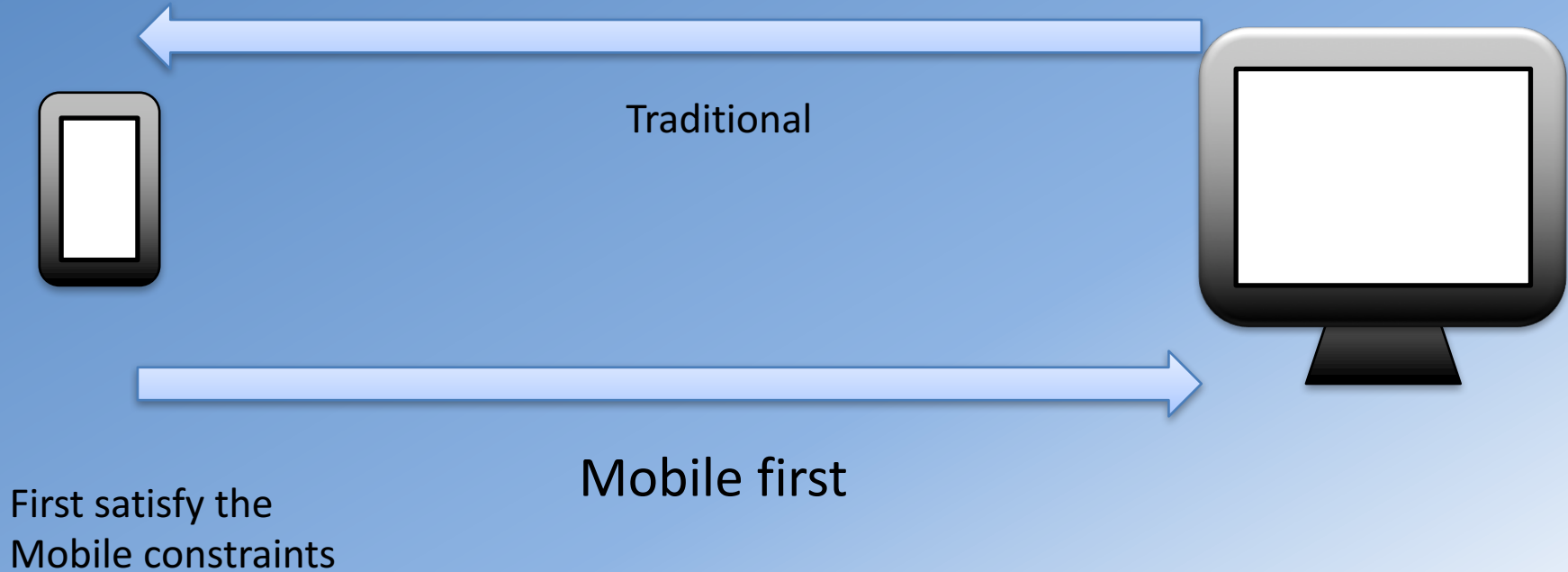


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Why Responsive Design?

- Users increasingly accessing websites from a variety of devices of different screen sizes
- One size fits all no longer a possibility!
- Adapt to the user's "viewport"
 - Build it into the core of the site

Mobile First Design



Foundation for Responsive Design

- Grid system
 - We'll deal with Bootstrap Grid system next
- Fluid images
 - We'll look at Bootstrap support later
- Media queries

Media Queries

- CSS technology to apply some styles based on the size of the viewport

e.g.,

```
@media (min-width: 992px) {  
    /* CSS styles customized for desktop */  
}
```

How do we do this?

- Start with a UI framework with responsive design built-in