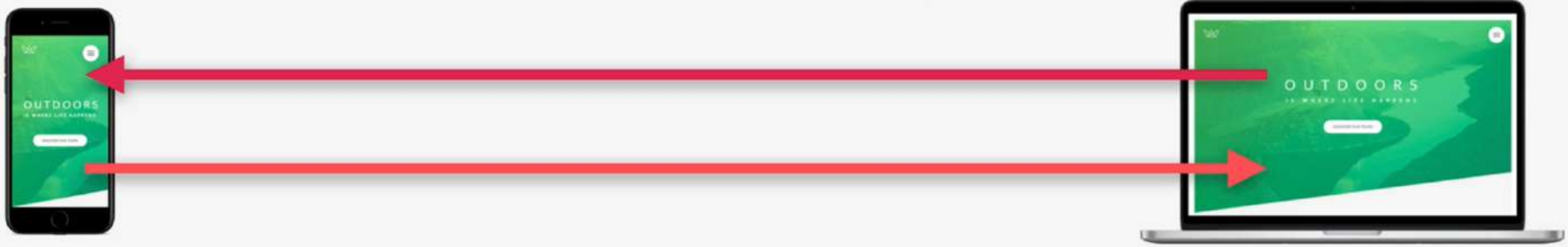
RESPONSIVE DESIGN STRATEGIES

```
html { font-size: 20px; }
@media (max-width: 600px) {
  html { font-size: 16px; }
}
```

DESKTOP-FIRST

- Start writing CSS for the desktop: large screen;
- Then, media queries shrink design to smaller screens.



MOBILE-FIRST

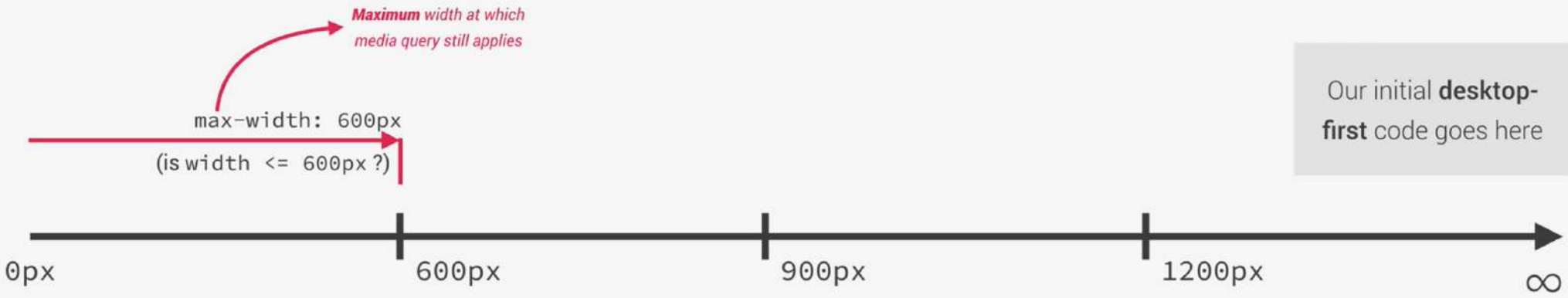
- Start writing CSS for mobile devices: small screen;
- Then, media queries expand design to a large desktop screen;
- Forces us to reduce websites and apps to the absolute essentials.

```
html { font-size: 16px; }
@media (min-width: 600px) {
  html { font-size: 20px; }
}
```

RESPONSIVE DESIGN STRATEGIES: MAX-WIDTH AND MIN-WIDTH

RESPONSIVE DESIGN STRATEGIES: MAX-WIDTH AND MIN-WIDTH

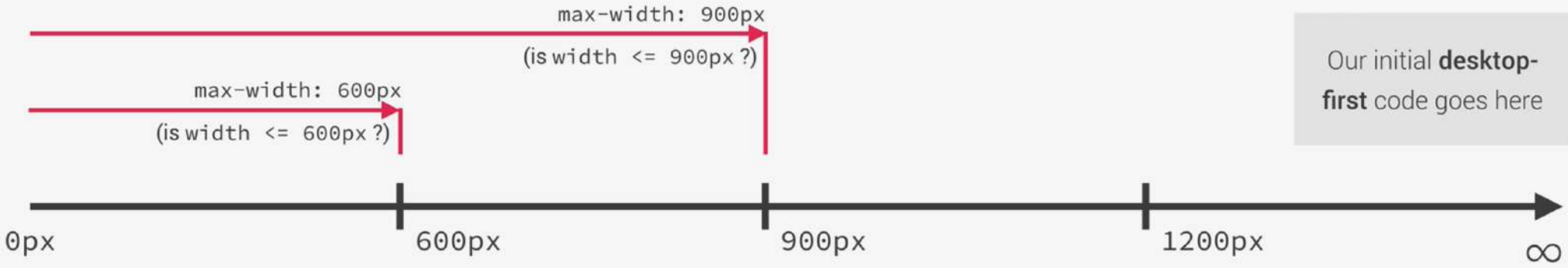
DESKTOP-FIRST



Our initial **desktop-first** code goes here

RESPONSIVE DESIGN STRATEGIES: MAX-WIDTH AND MIN-WIDTH

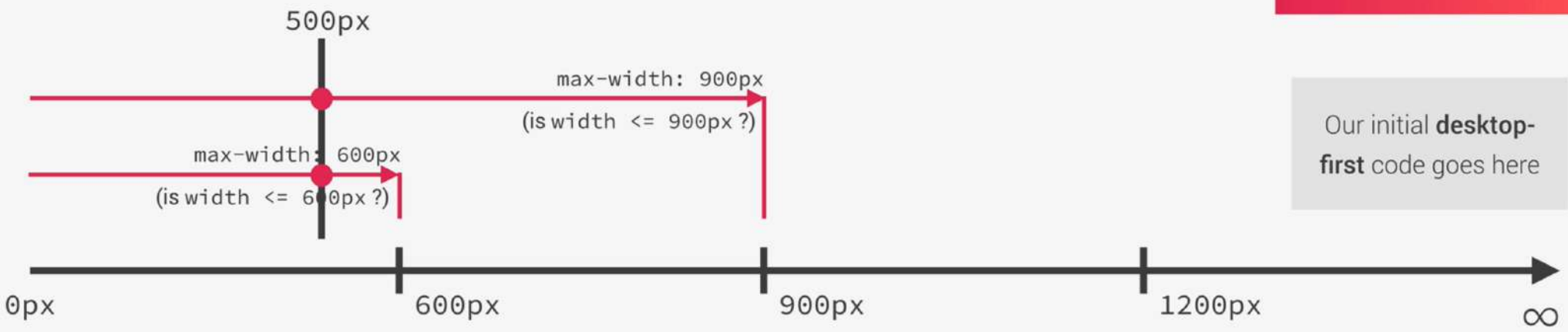
DESKTOP-FIRST



Our initial **desktop-first** code goes here

RESPONSIVE DESIGN STRATEGIES: MAX-WIDTH AND MIN-WIDTH

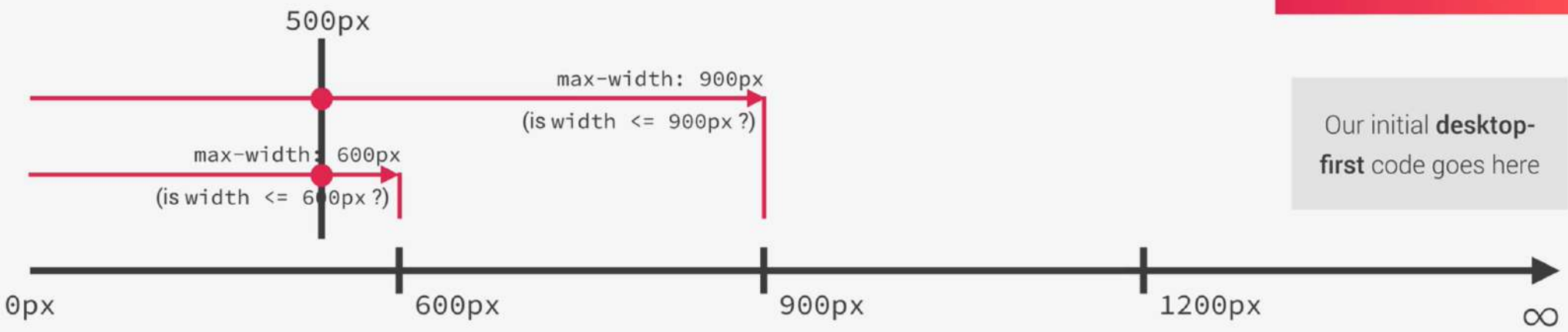
DESKTOP-FIRST



Our initial **desktop-first** code goes here

RESPONSIVE DESIGN STRATEGIES: MAX-WIDTH AND MIN-WIDTH

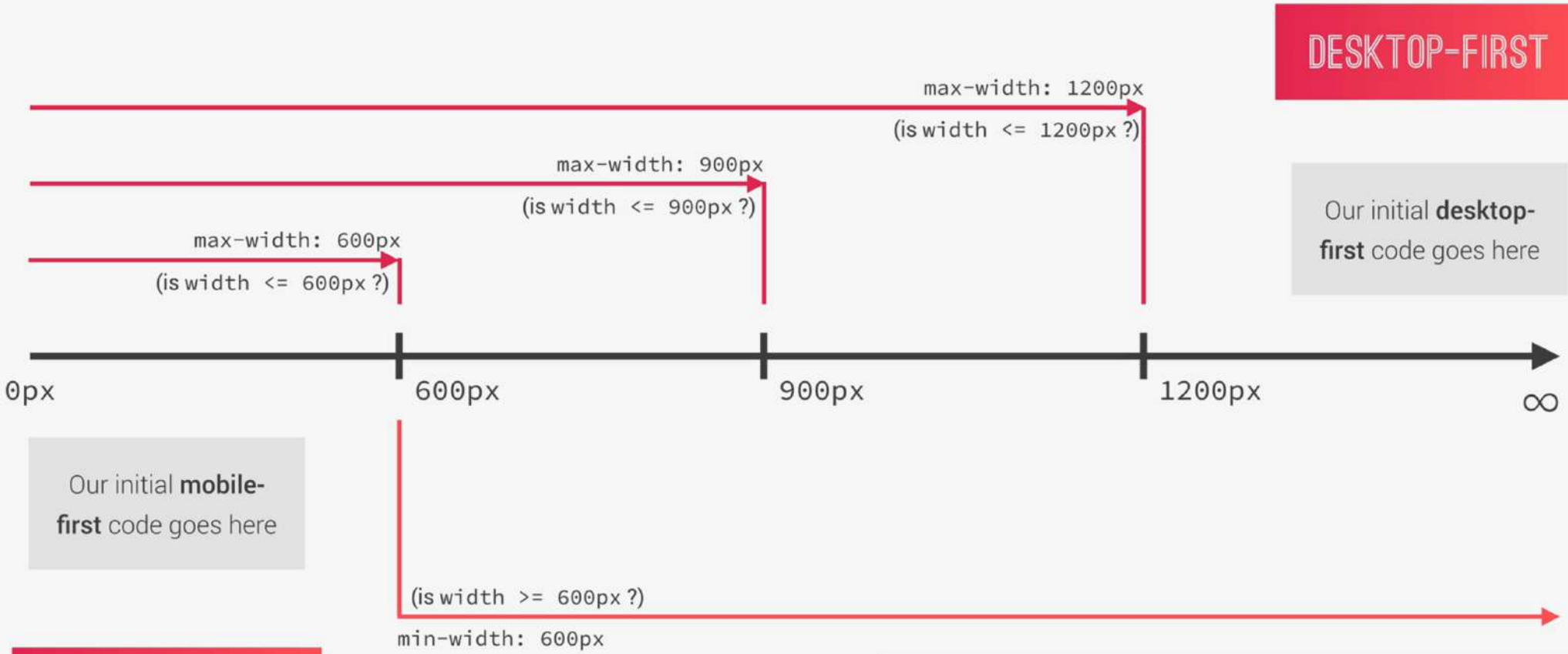
DESKTOP-FIRST



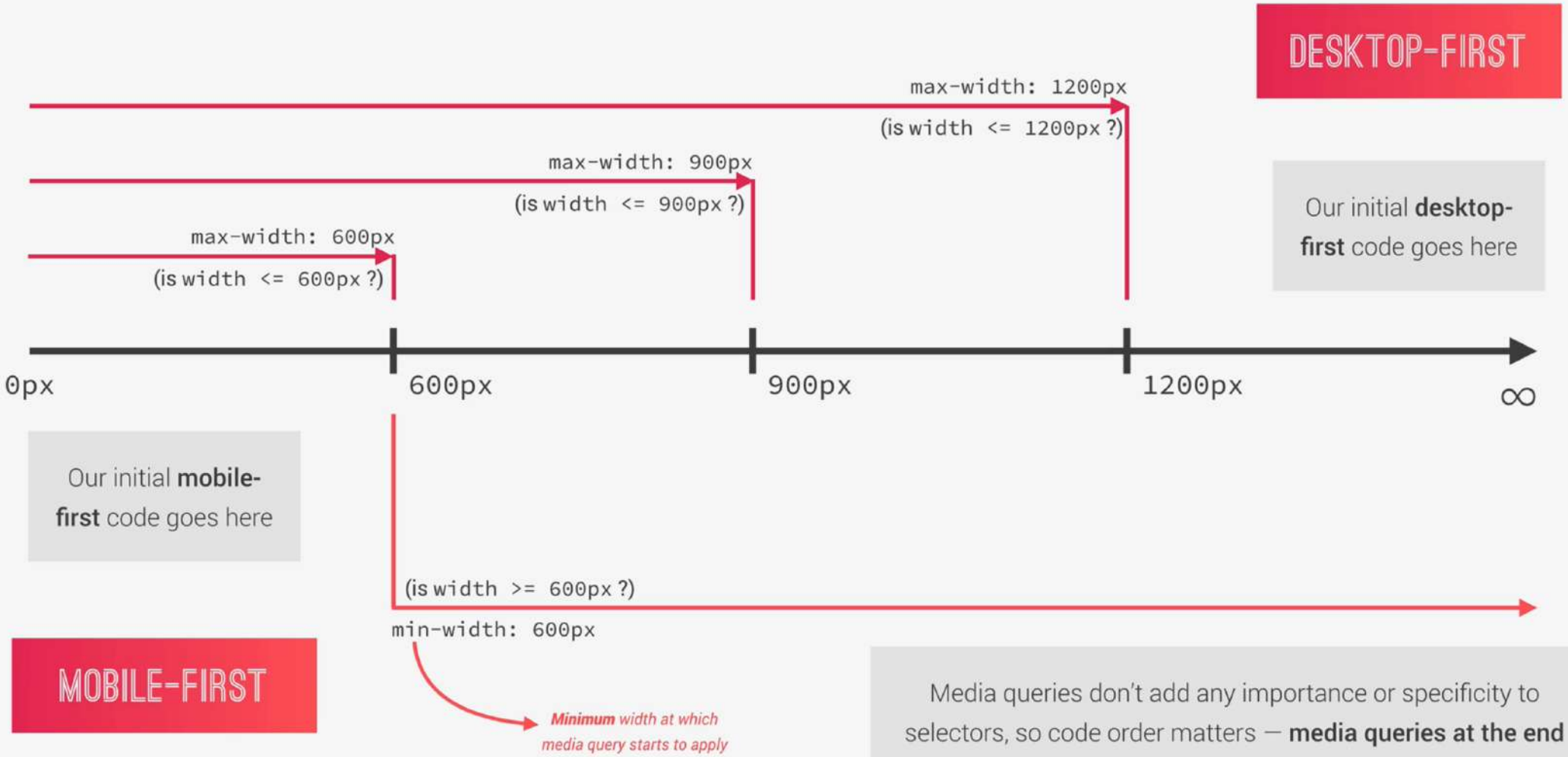
Our initial **desktop-first** code goes here

Media queries don't add any importance or specificity to selectors, so code order matters — **media queries at the end**

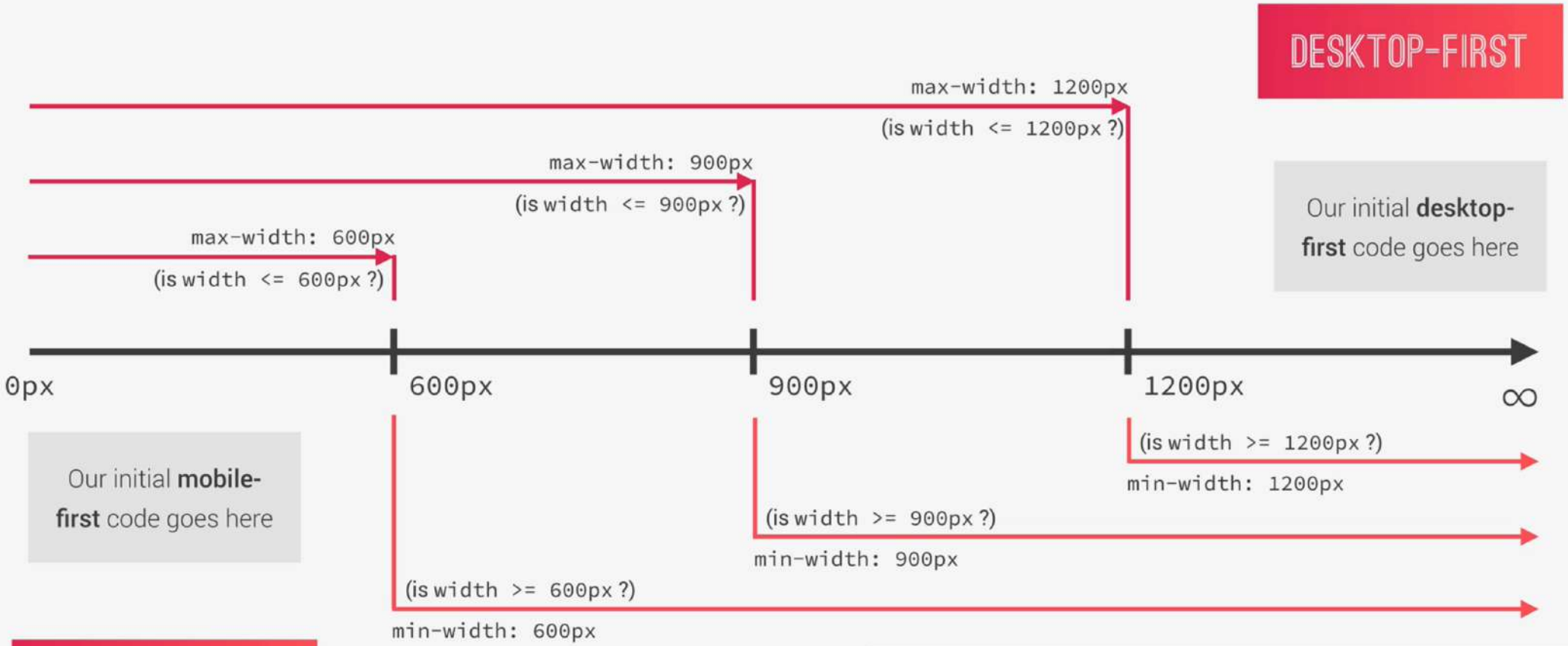
RESPONSIVE DESIGN STRATEGIES: MAX-WIDTH AND MIN-WIDTH



RESPONSIVE DESIGN STRATEGIES: MAX-WIDTH AND MIN-WIDTH



RESPONSIVE DESIGN STRATEGIES: MAX-WIDTH AND MIN-WIDTH

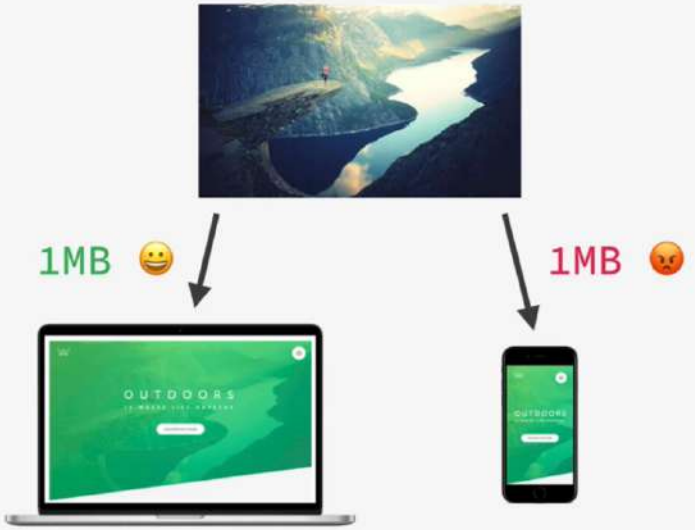


Media queries don't add any importance or specificity to selectors, so code order matters — **media queries at the end**

WHAT ARE RESPONSIVE IMAGES ANYWAY?

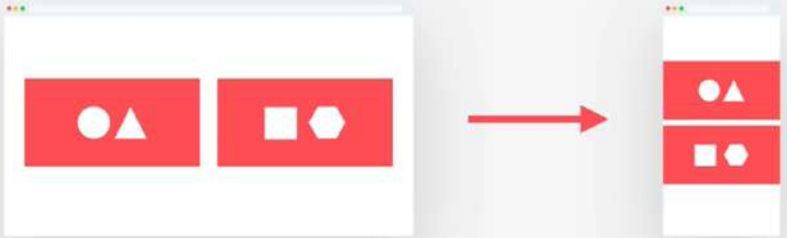
RESPONSIVE IMAGES

The goal of responsive images is to serve the **right image** to the **right screen size** and device, in order to avoid downloading unnecessary large images on smaller screens.



WHEN TO USE RESPONSIVE IMAGES: THE 3 USE CASES

RESOLUTION SWITCHING



Large screen

Small screen

(Decrease image resolution on smaller screen)

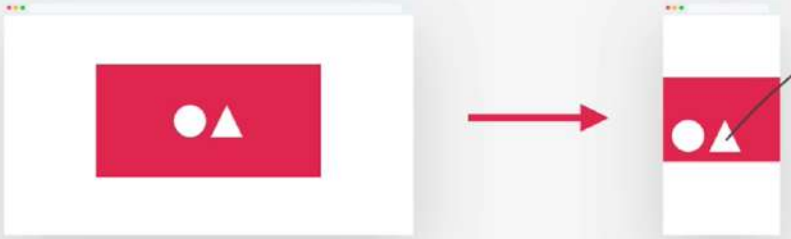
DENSITY SWITCHING

@2x screen (high-res)

@1x screen (low-res)

(Half the image resolution on @1x screen)

ART DIRECTION



Large screen

Small screen

(Different image on smaller screen)