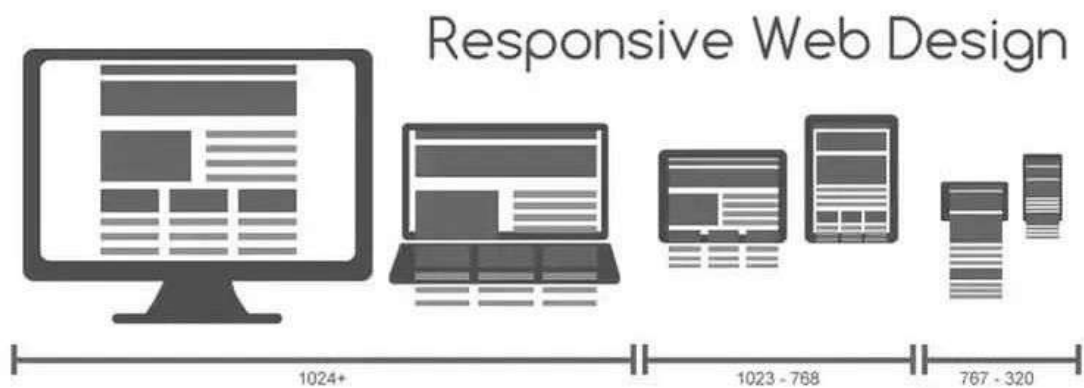


JOIN US & LEARN
WEB DEVELOPMENT

CSS MEDIA QUERY



@developers_community_..

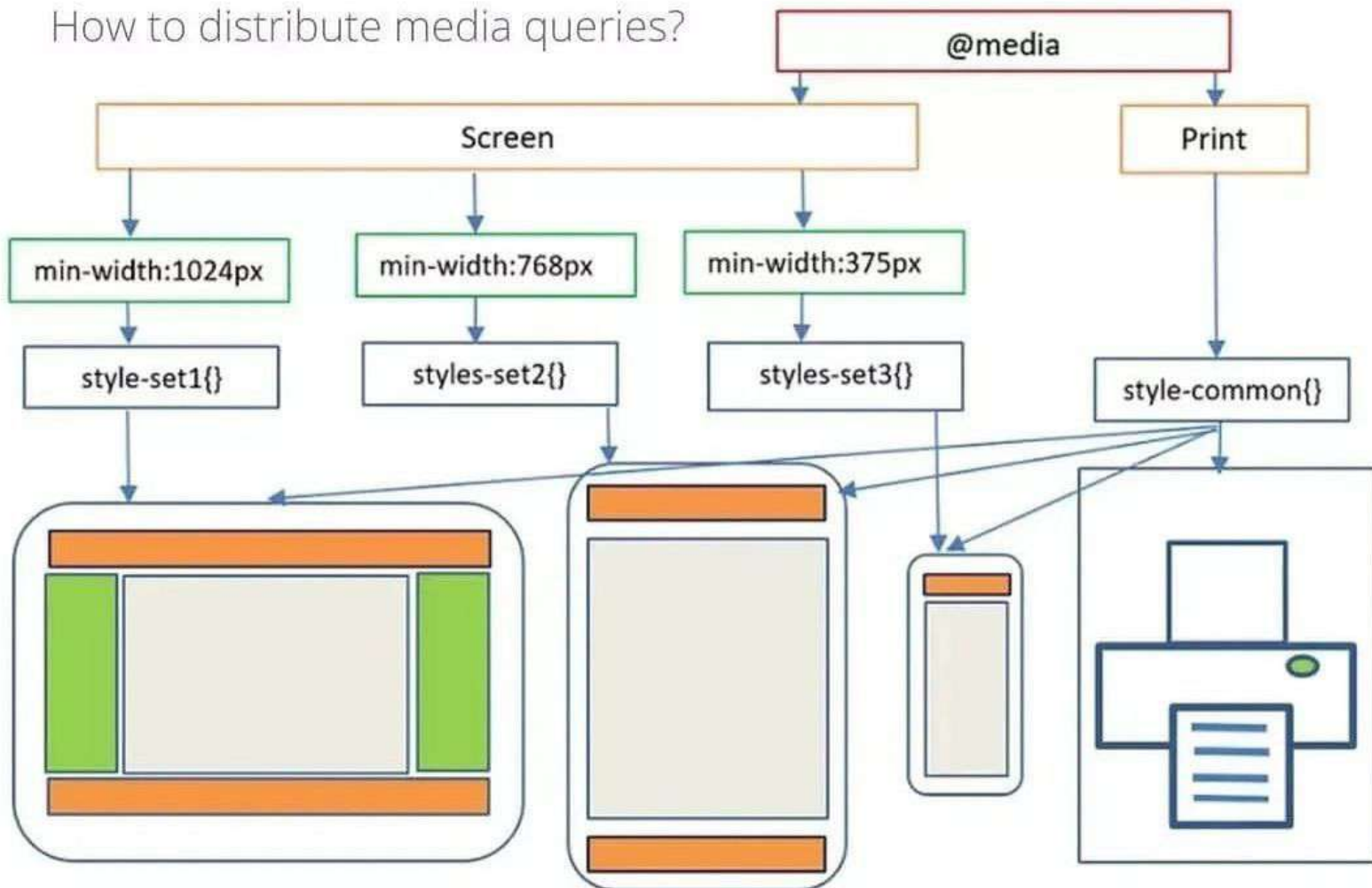
X

@web_talks

MEDIA QUERY ?

Media queries are a CSS3 function that allows you to specify the display of a document for different output *media and screen sizes*.

How to distribute media queries?





SAVE THIS POST

JOIN US & LEARN
WEB DEVELOPMENT

UNDERSTANDING SYNTAX

MEDIA TYPE

MEDIA FEATURE



```
/* When the browser is at least 600px and above */  
@media screen and (min-width: 600px) {  
  .element {  
    /* Apply some styles */  
  }  
}
```

AT-RULE

OPERATOR

@developers_community_...



@web_talks



SAVE THIS POST

JOIN US & LEARN
WEB DEVELOPMENT

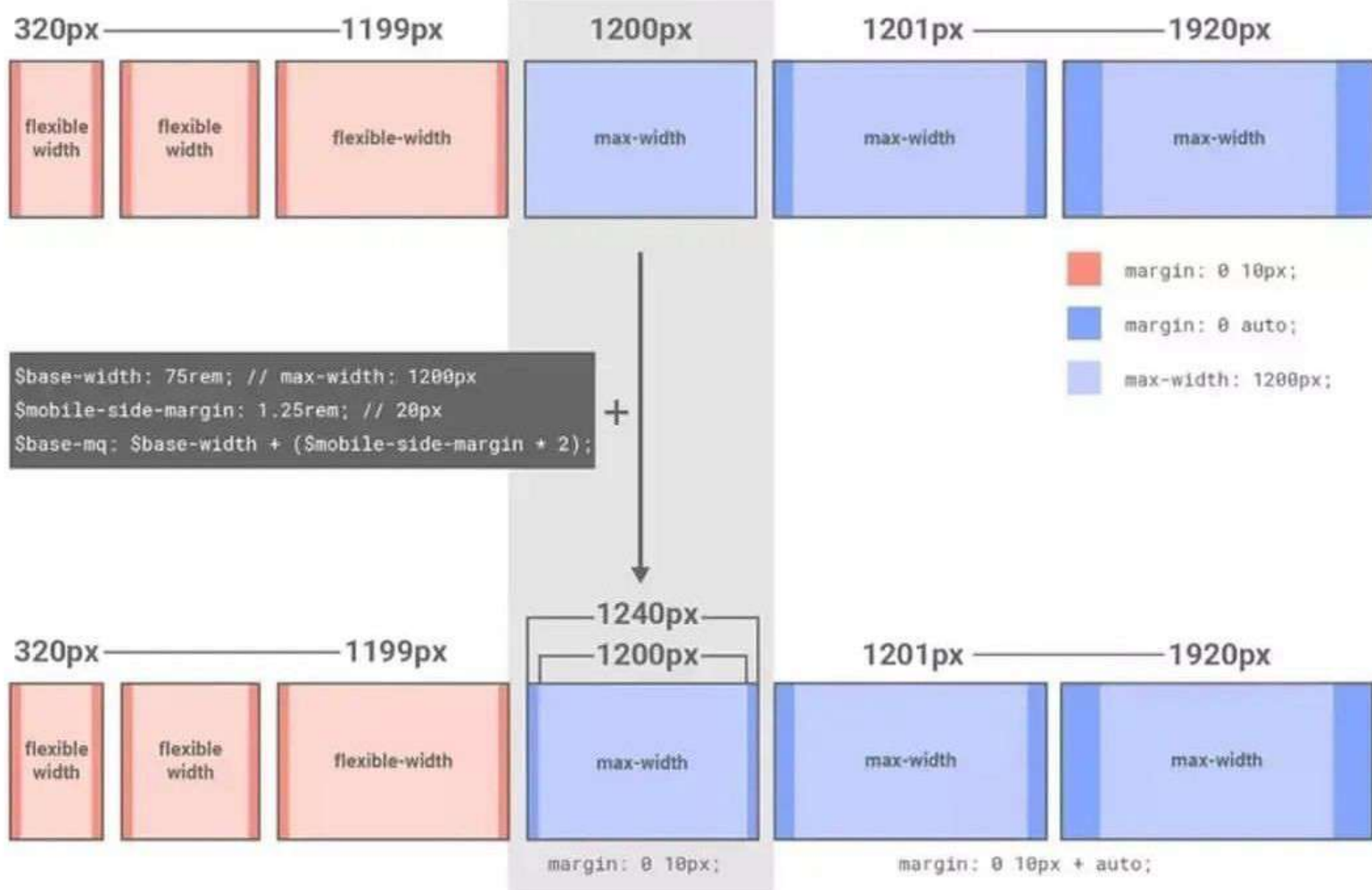
BREAKPOINTS

mobile

desktop

//Page level breakpoints

```
$mq-small: 'screen and (max-width: 37.438em)'; // max upto 599px  
$mq-medium: 'screen and (min-width: 37.5em)'; // min from 600px  
$mq-large: 'screen and (min-width: 60em)'; // min from 960px  
$mq-large-extra: 'screen and (min-width: 75em)'; // min from 1200px
```



@developers_community_..

X

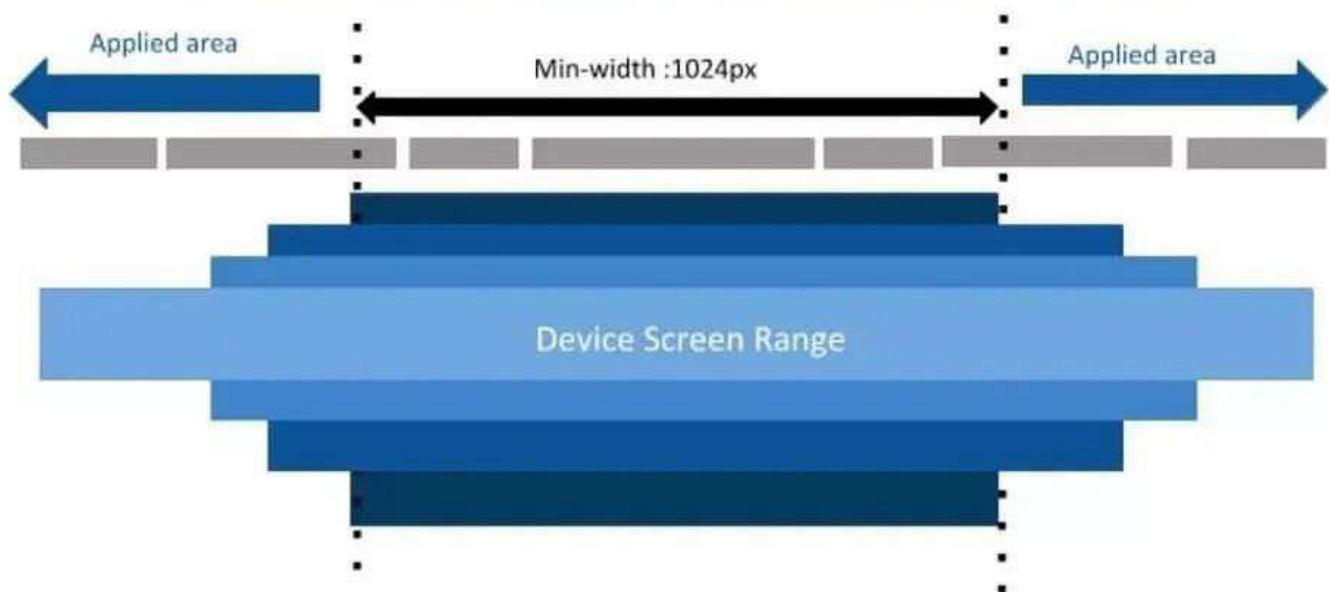
@web_talks



SEE THE APPLIED AREAS IN FIGURE TO UNDERSTAND

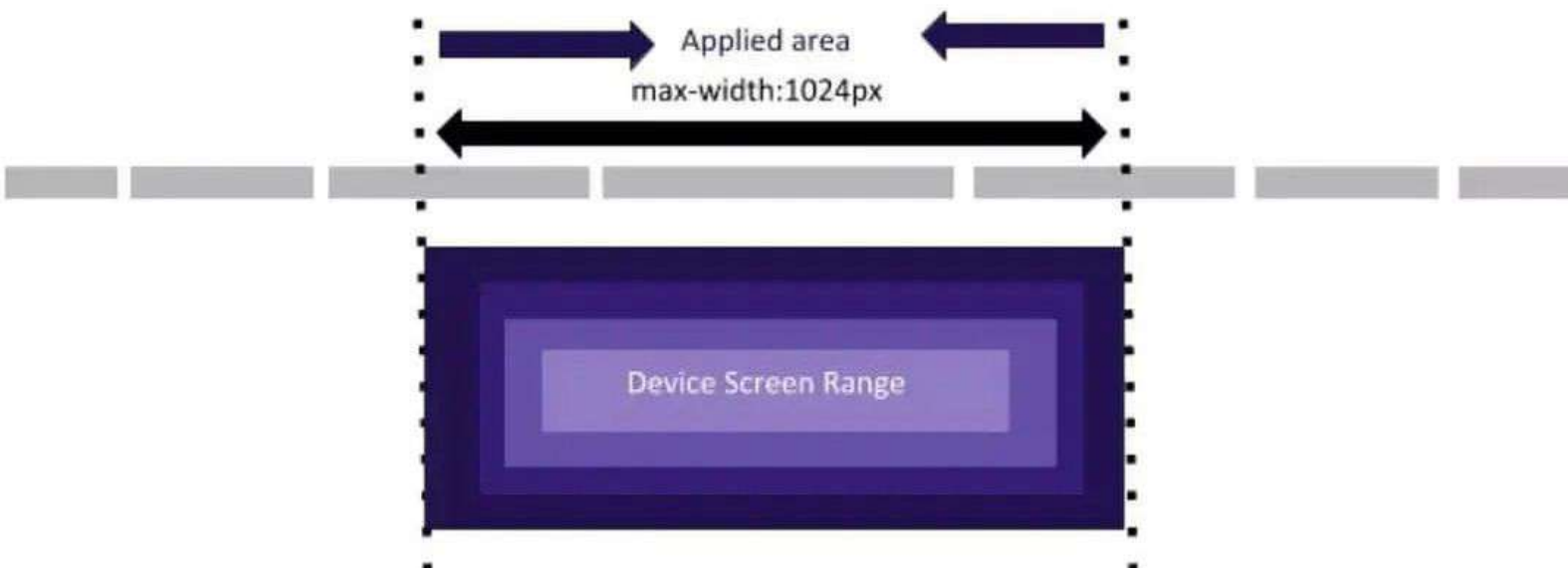
MIN-WIDTH

```
@media (min-width: 1024px) { /*your styles here*/ }
```



MAX-WIDTH

```
@media (max-width: 1024px) { /*your styles here*/ }
```





QUICK RECAP

Media query starts with
@media keyword

Media types describe the general
category of a device. For ex, in this case
we are targeting devices with a screen

```
Syntax of Media rule
@media screen (min-width: 320px) and|or|not (max-width: 768px) {
  /* Whole bunch of CSS Code */
}
```

This is media feature which
describe specific
characteristic of media

and, or, not are operators.

Not - inverse the condition

And - when both conditions true

Or - atleast one condition must be true

"not" keyword simply invert the
condition. That is, in this we can say
that now condition becomes max-
width: 600px

```
Not
@media not screen and (min-width: 600px) {
  div {
    border: 10px solid black;
  }
}
```



SAVE THIS POST

JOIN US & LEARN
WEB DEVELOPMENT

WRAP UP

```
/* Desktops */
```

```
@media (min-width:768px) {  
  
  
}
```

All CSS within this
media query applies
ONLY to tablet,
laptop or desktop
screens



```
/* Mobiles */
```

```
@media (max-width:767px) {  
  
  
}
```

All CSS within this
media query applies
ONLY to mobile
screens



The CSS Media Query gives you a way to apply CSS only when the browser and device environment matches a rule that you specify. Media queries are a key part of responsive web design.

@developers_community_..



@web_talks



CSS CODE FOR DIFFERENT DEVICES (BREAKPOINTS)



```
/* Extra small devices (phones, 600px and down) */  
@media only screen and (max-width: 600px) {...}  
  
/* Small devices (portrait tablets and large phones, 600px and up) */  
@media only screen and (min-width: 600px) {...}  
  
/* Medium devices (landscape tablets, 768px and up) */  
@media only screen and (min-width: 768px) {...}  
  
/* Large devices (laptops/desktops, 992px and up) */  
@media only screen and (min-width: 992px) {...}  
  
/* Extra large devices (large laptops and desktops, 1200px and up) */  
@media only screen and (min-width: 1200px) {...}
```