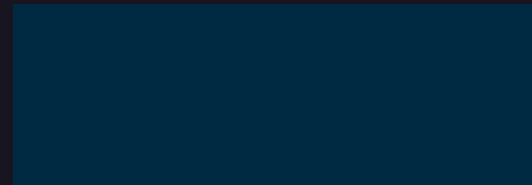
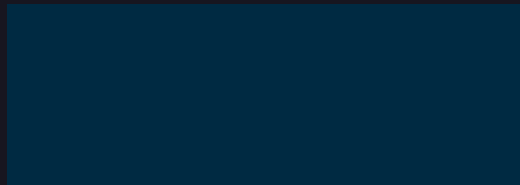
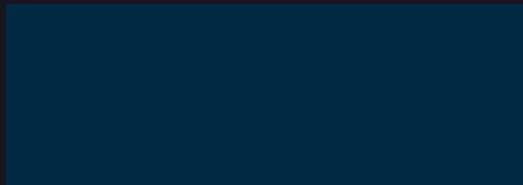


# **MOBILE DEVELOPMENT**

## Erste Schritte

# INTRODUCTION TO JAVASCRIPT



# INTRODUCTION TO JAVASCRIPT



**HTML**

markup  
language



**CSS**

style  
language



**JavaScript**

scripting  
language

# SCRIPTING LANGUAGE?

Client Computer

Web Browser

Web Page

**HTML, CSS,  
JavaScript**

Web Server

Sql, Python, PHP,  
ASP, .Net, Ruby  
on Rails, usw...

# DOCUMENT OBJECT MODEL

```
<!doctype>
<html>
  <head>
    <link rel="stylesheet" href="css/style.css" />
  </head>
  <body>

    <nav>
      <a href="index.html" >Home</a>
      <a href="gallery.html" >Gallery</a>
      <a href="local.html" >Location</a>
    </nav>

    <div id="page">
      <h1>Hello World</h1>
    </div>

    <script src="js/jquery.min.js" ></script>
    <script src="js/script.js" ></script>
  </body>
</html>
```

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HTML

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HTML

HEAD

BODY

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HTML

HEAD

BODY

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    </nav>
```

nav

```
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    <h1>Hello World</h1>
  </div>
```

```
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```

HTML

HEAD

BODY

nav

a

a

a

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```

HTML

HEAD

BODY

nav

a

a

a

div #page

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```

HTML

HEAD

BODY

nav

a

a

a

div #page

h1

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  </body>
</html>
```

HTML

HEAD

BODY

nav

a

a

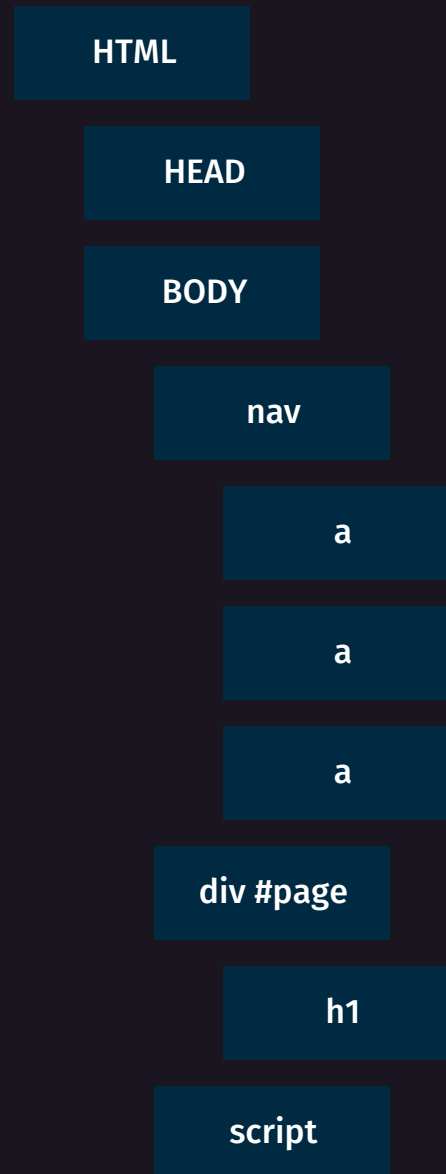
a

div #page

h1

script

# DOCUMENT OBJECT MODEL



# DOCUMENT OBJECT MODEL

```
<!doctype>
```

```
<html>
```

```
  <head>
```

```
    <link rel="stylesheet" href="style.css">
```

```
  </head>
```

```
  <body>
```

```
    <nav>
```

```
      <a href="#page">Page</a>
```

```
      <a href="#about">About</a>
```

```
      <a href="#contact">Contact</a>
```

```
    </nav>
```

```
    <div id="page">
```

```
      <h1>Home</h1>
```

```
    </div>
```

```
    <script>
```

```
    </script>
```

```
  </body>
```

HTML

HEAD

BODY

nav

a

a

a

div #page

h1

script

# JQUERY SYNTAX

*Keyword*    *Functionsname*

|

|

```
$("#box").text( "Hallo Welt" );
```



*Parameter*

# ENABLE JQUERY IN YOUR PAGE

embed local

```
<script src="jquery.js"></script>
```

embed remote

```
<script src="https://code.jquery.com/jquery-2.1.4.min.js"></script>
```



# ENABLE JQUERY IN YOUR PAGE

ready Event / Startpoint

```
$(document).ready( function(){  
    // Script goes here  
});
```

or

```
$( function(){  
    // Script goes here  
});
```

# SHOW / HIDE

```
$("#myId").show();
```

```
$("#myId").hide();
```

# SHOW / HIDE

*Keyword*

*Functionsname*

```
$( "#myId" ).show();
```

*jQuery DOM Object*

*Parameter*

# BASIC SELECTORS

## *TagName*

```
$("div").show();
```

```
$("p") $("a") $("nav")
```

## *ID*

```
$("#myId").show();
```

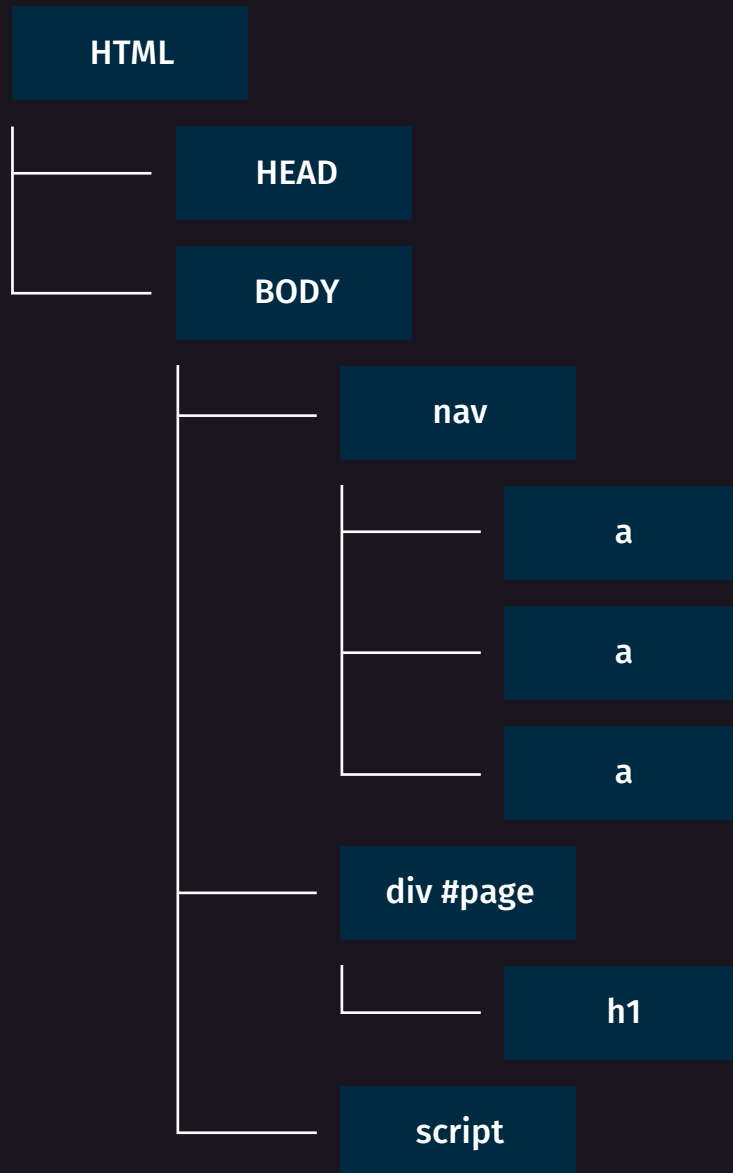
```
$("#myId div")
```

## *Class*

```
$(".myClass").show();
```

```
$(".myClass.open")
```

# ZUSAMMENFASSUNG



```
<script src="jquery.js"></script>
```

```
$( function(){  
    // Script goes here  
});
```

```
$("div").show(); // Tag Name
```

```
$("#myId").show(); // ID (fast!)
```

```
$(".myClass").show(); // Class
```

# **MOBILE DEVELOPMENT**

Create App with Phonegap

# WEBSITE to APP

Webtechnik



# WEBSITE to APP

Webtechnik

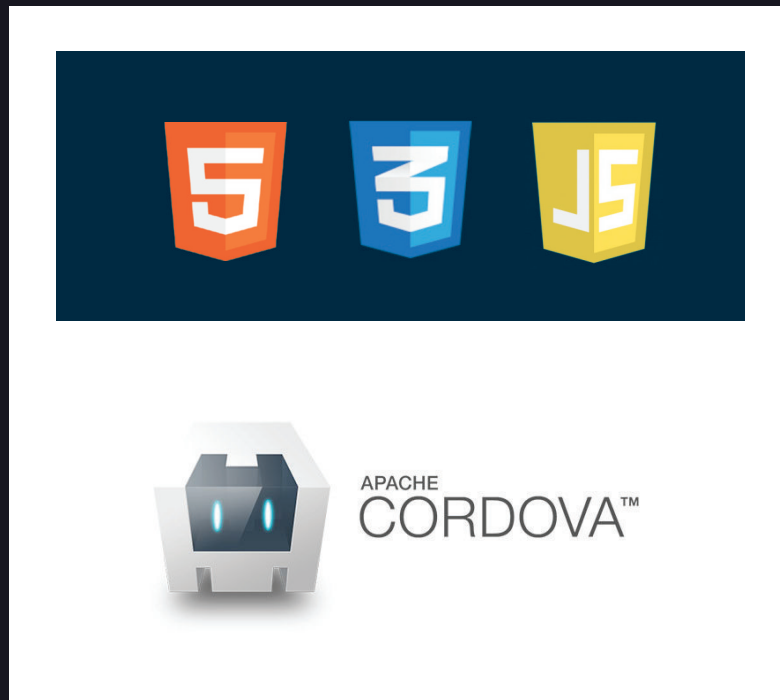




# PHONEGAP



# PHONEGAP



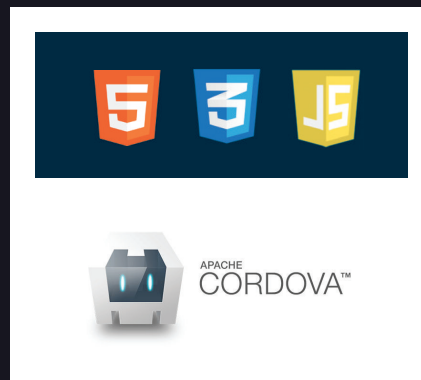
# PHONEGAP



/A™



# PHONEGAP



# EVAL TERMINAL

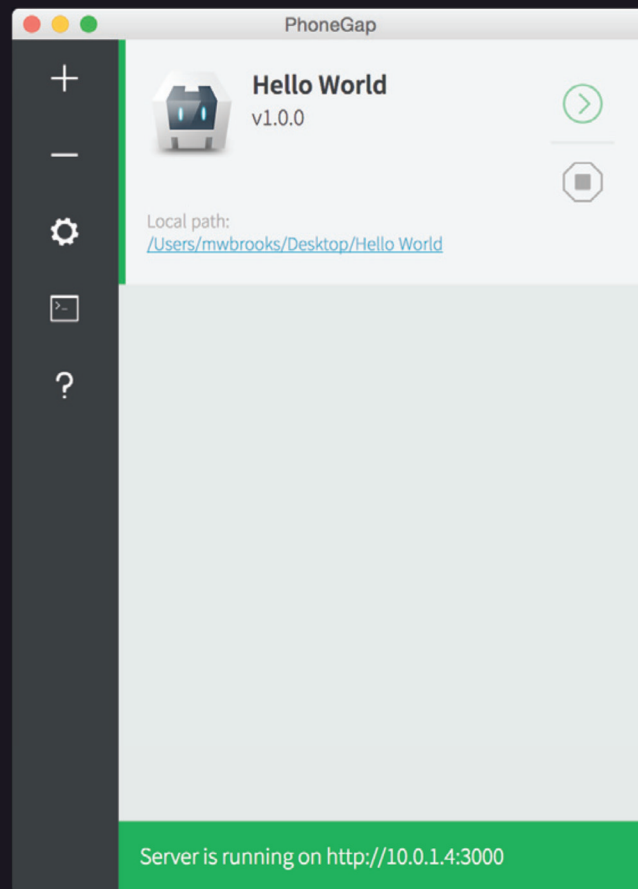
## Create Project via CLI

ooo

```
$ phonegap create my-app
```



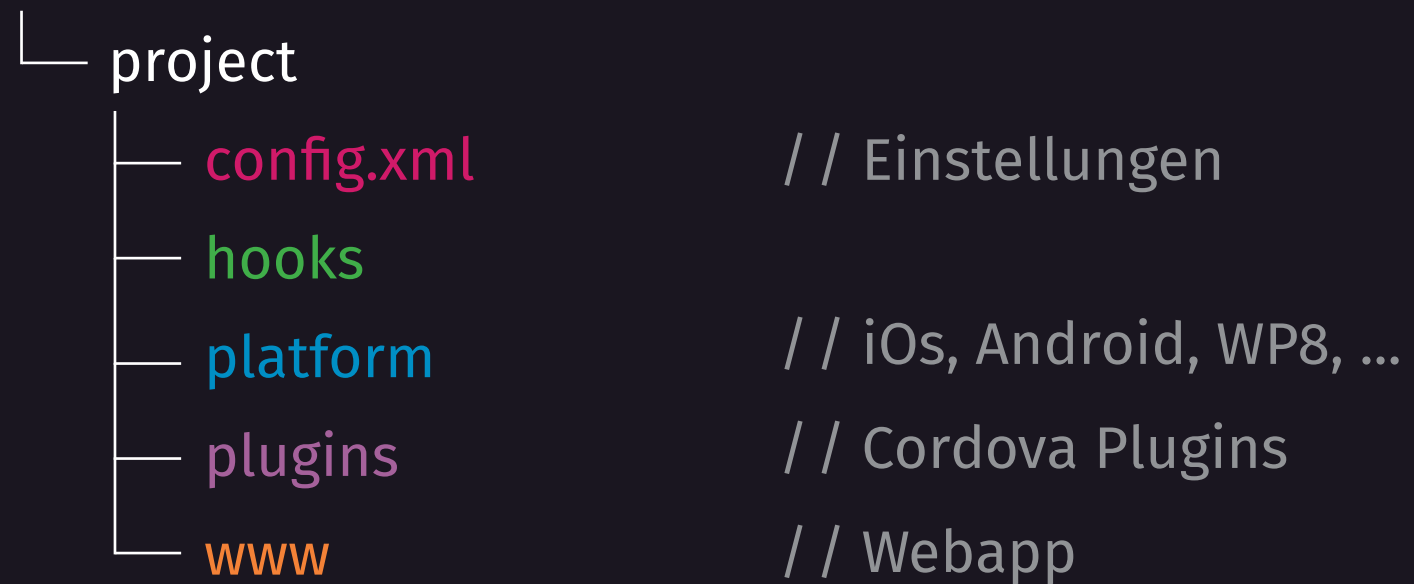
# PHONEGAP



# FOLDER STRUKTURE

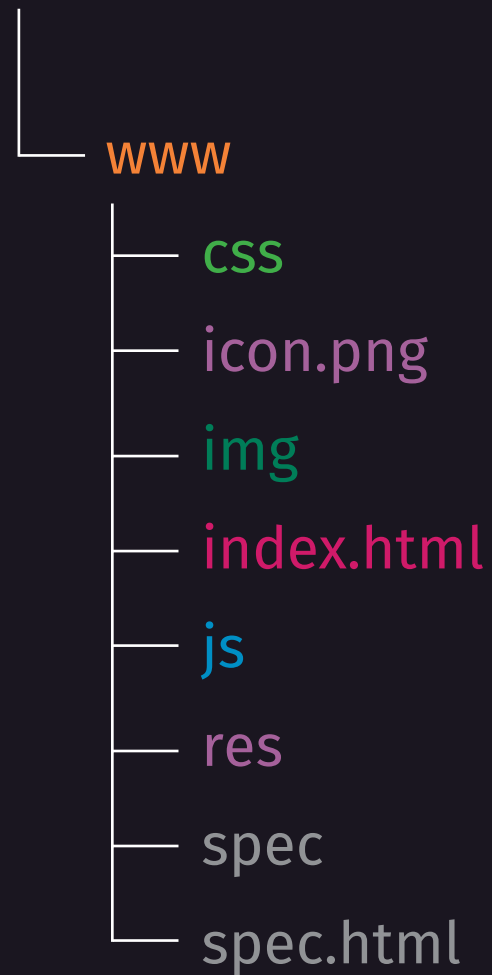


# FOLDER STRUKTURE

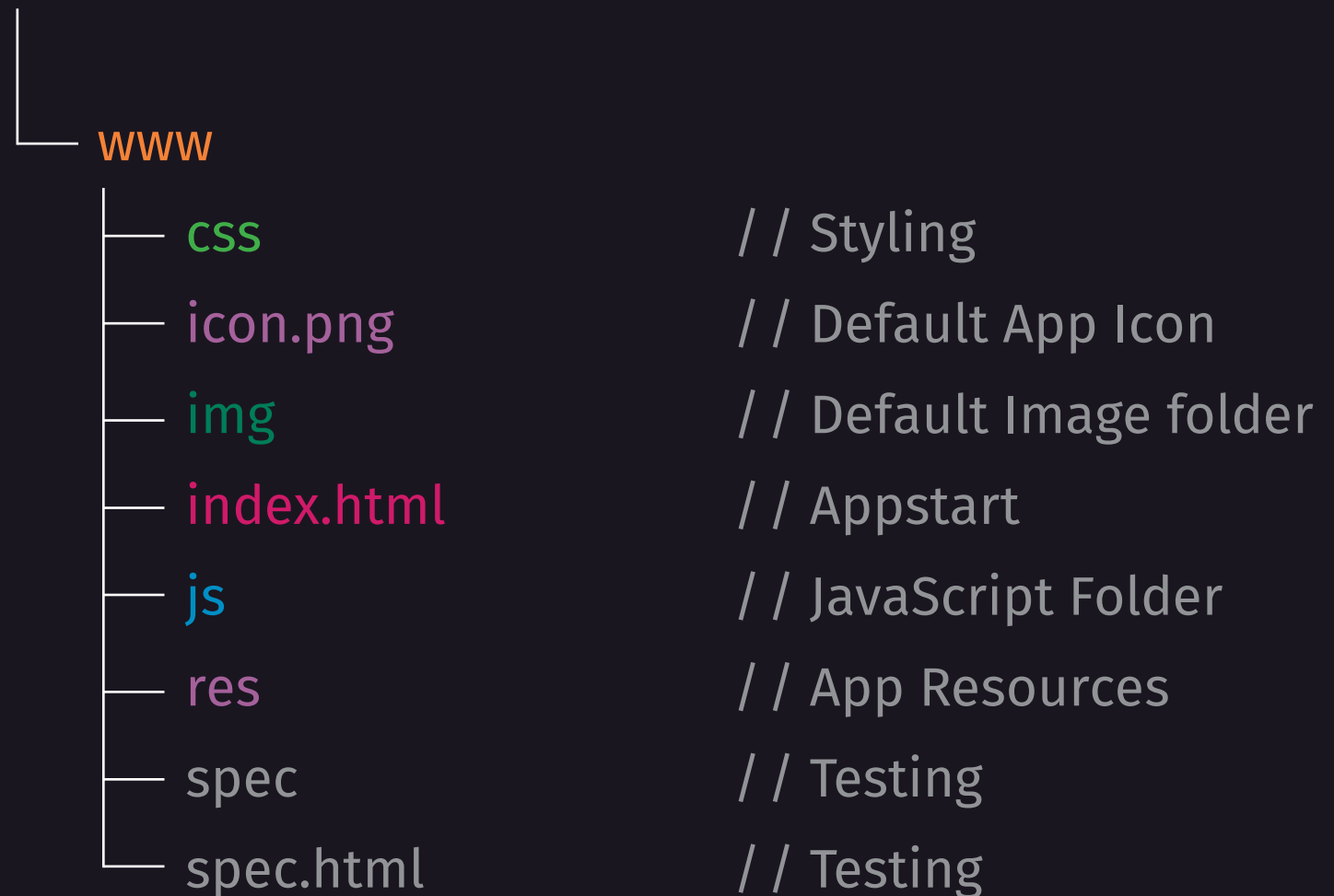




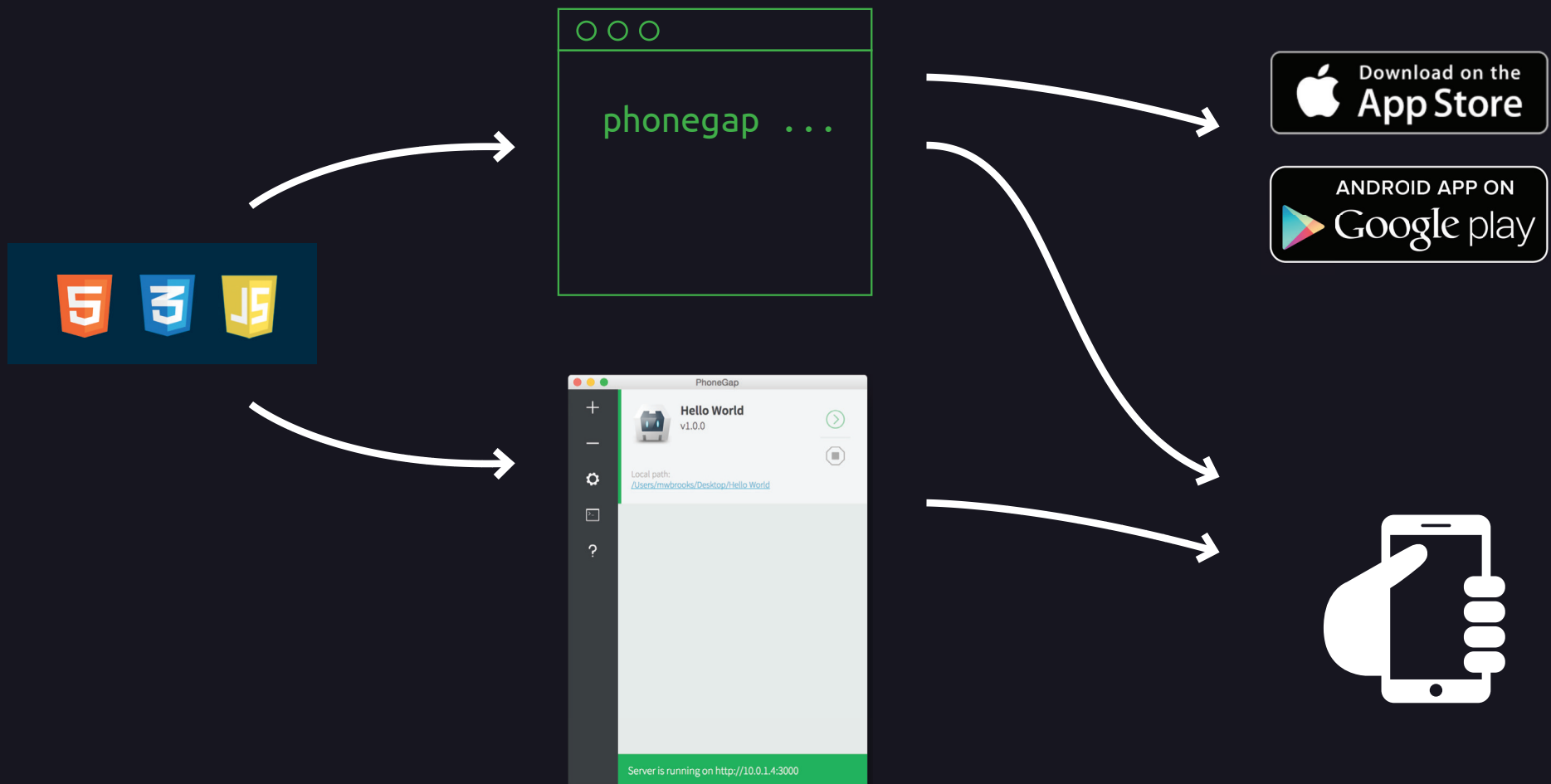
# FOLDER STRUKTURE



# FOLDER STRUKTURE



# PHONEGAP WORKFLOW



# PHONEGAP

<https://phonegap.com/getstarted/>