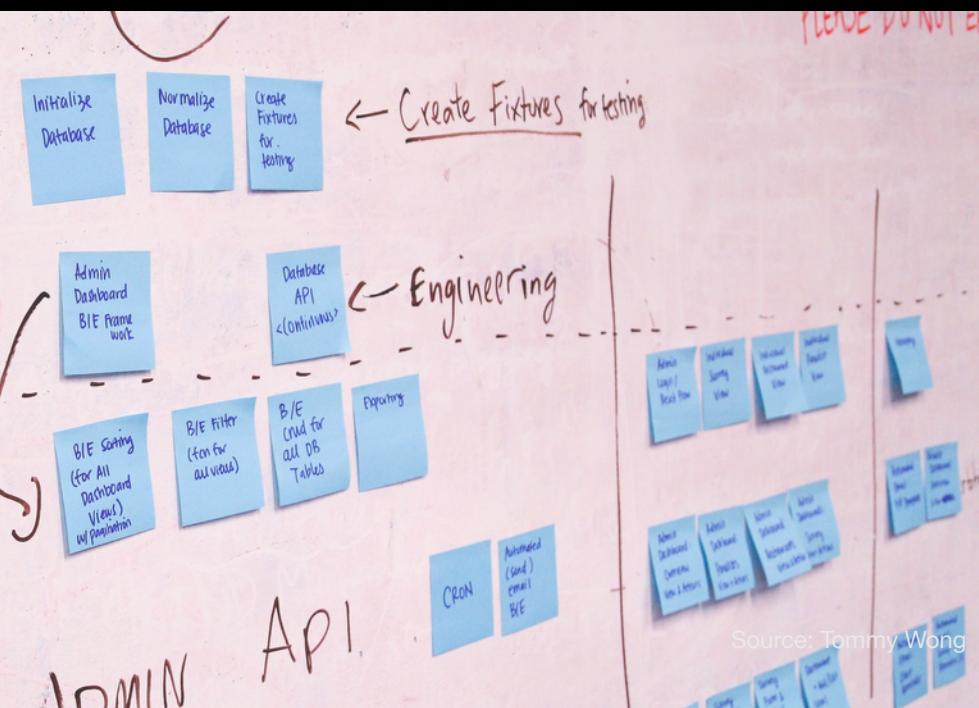


1) WEEK 4 : Design

WEEK 5: Design

WEEK 6: Dev



Source: Tommy Wong

USING NO-CODE/LOW-CODE TOOLS IN PROTOTYPE DEVELOPMENT

Bernard Suen
Center for Entrepreneurship
Chinese University of Hong Kong

Recap

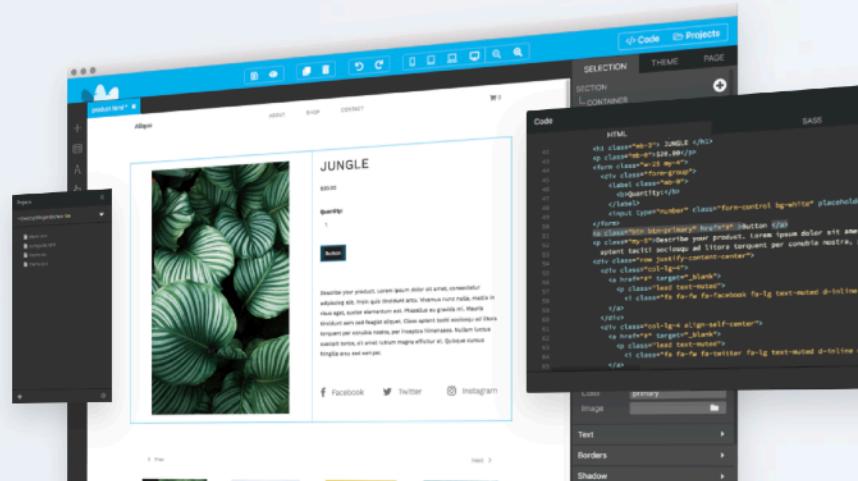
1. Web design using Bootstrap 4 **Pingendo**.
2. Create charts using **C3**.
3. Create maps using **Leaflet**.

Pingendo Bootstrap 4 builder

Design, build and deploy web pages in a flow.

Pingendo is a modern tool for designers, developers and web agencies. Intuitive as stacking blocks, powerful as a text editor.

Download it for free



Bootstrap

Build responsive, mobile-first projects on the web with the world's most popular front-end component library.

Bootstrap is an open source toolkit for developing with HTML, CSS, and JS. Quickly prototype your ideas or build your entire app with our Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful plugins built on jQuery.

[Get started](#)[Download](#)

Currently v4.3.1



Browser

Screen Display



Web Server

HTML/CSS/JS

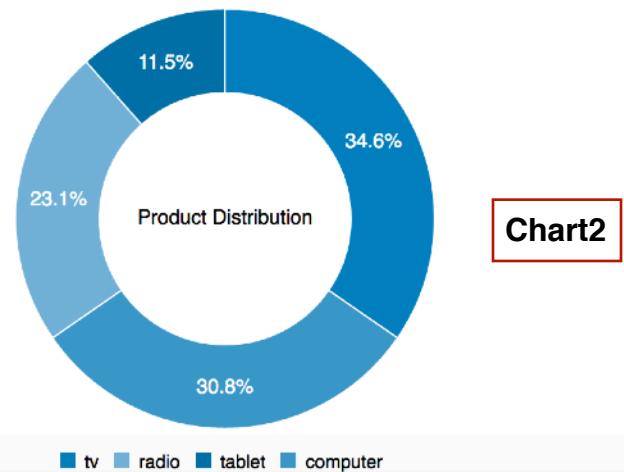
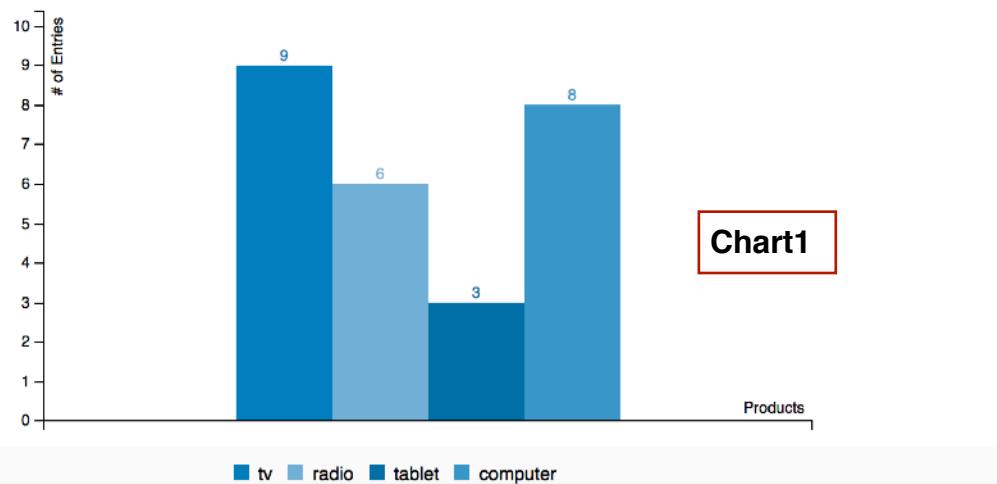
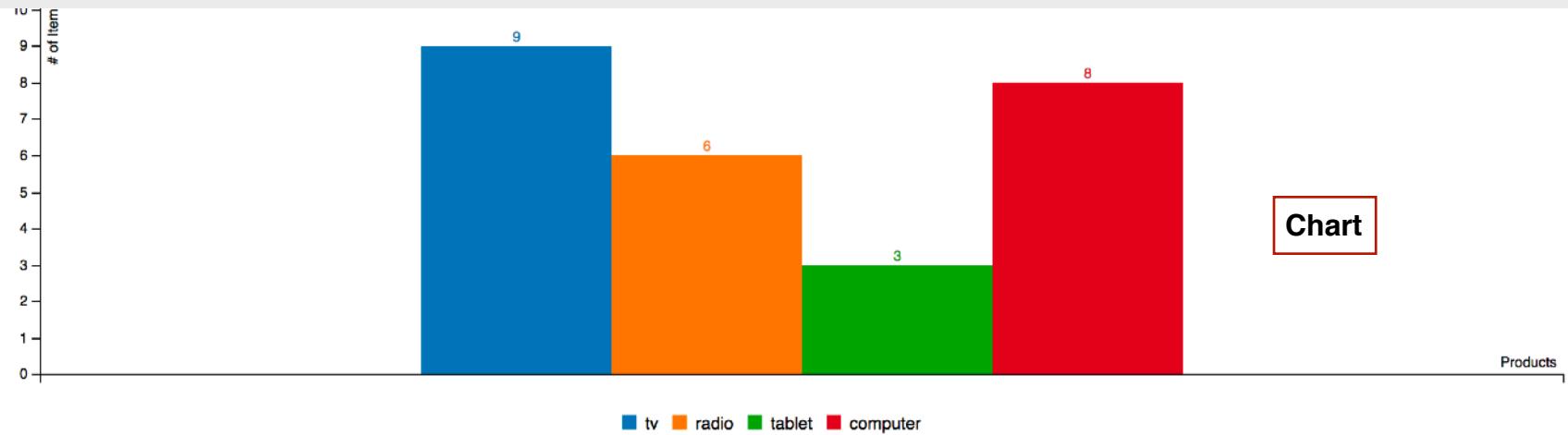
```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title> A Tiny HTML Document </title>
<link href ="styles.css" rel="stylesheet">
<script src="scripts.js"></script>
</head>

<body>
<p>Let's rock the browser, HTML5 style.</p>
</body>
</html>
```

Code Generator

Pingendo

The screenshot shows the Pingendo application interface. On the left is a preview window displaying a responsive website design featuring a suit and a plant. On the right is a code editor window with tabs for HTML, CSS, and JS. The HTML tab contains the same basic structure as the code editor above, while the CSS tab includes some specific styling rules like `border-radius` and `background-color` for various elements.



```


<p id="demo">Airtable is a wonderful spreadsheet-like
  !-- Sign and date the page, it's only polite! -->
  <button type="button" class="btn btn-warning" id='get_data'>Show Table</
  div><!-- table responsive -->
  <button type="button" class="btn btn-warning" id='get_data2'>Show Total<
  div class="table-responsive">
    <table id="table2" width="100%" class="table table-bordered"></tab
  /div><!-- table responsive -->
  <div id="chart"></div>


```

HTML

```

$.getJSON(airtable_read_endpoint, function(result) {
  $.each(result.records, function(key,value) {
    items = [];
    items.push(value.fields.Name);
    items.push(value.fields.total_items_by_catego
  }); // end .each
  console.log(dataSet);

  $('#table2').DataTable( {
    data: dataSet,
    retrieve: true,
    columns: [
      { title: "Product",
        defaultContent:""},,
      { title: "Total Amount",
        defaultContent:"" },
    ]
  });

  var chart = c3.generate({
    data: {
      columns: [dataSet,
      type : 'bar'
    ],
    axis: {
      x: {label: 'Product'},
      y: {label: '# of Items'}
    },
    bar: {
      title: "# of Items by Product Category:",
    }
  });
});
```

JS

1. Define the selector
2. Retrieve the data set from API through GetJSON request.
3. Generate the chart using the data set and place it inside DOM object specified by selector.

```
<div class="row">
    <div class='col-sm-12'>
        <div id="chart"></div>
    </div>
</div>
<div class="row">
    <div class="col-sm-6">
        <div id="chart1"></div>
    </div>
    <div class="col-sm-6">
        <div id="chart2"></div>
    </div>
</div><!--end row-->
```

```
var chart = c3.generate({
  data: {
    columns: dataSet,
    type : 'bar',
    labels:true
  },
  axis: {
    /*x: {label: 'Product'},*/
    x: {
      label: 'Products',
      type: 'category',
      categories:['','','','']
    },
    y: {label: '# of Items'}
  },
  bar: {
    title: "# of Items by Product Category:",
    width: {
      ratio: 0.5 // this makes bar width 50% of length between ticks
    }
  },
  tooltip: {
    show: false,
  }
});

// end c3.generate
```

Chart

Get rid of the '0' symbol.
No color specification.
Take default colours

```
var chart = c3.generate({
  data: {
    columns:dataSet,
    type : 'bar',
    labels:true,
    colors: {
      radio: '#7FB3D5',
      computer: '#5499C7',
      tv: '#2980B9',
      tablet: '#2471A3'
    }
  },
  bar: {
    title: "Product by Category:",
    width: {
      ratio: 0.5 // this makes bar width 50% of length
    }
  },
  tooltip: {
    show: false,
  },
  axis: {
    x: {
      label: 'Products',
      type: 'category',
      categories:['', '', '', '']
    },
    y: {label: '# of Entries'}
  },
  bindto: '#chart1'
}); // end c3.generate
```

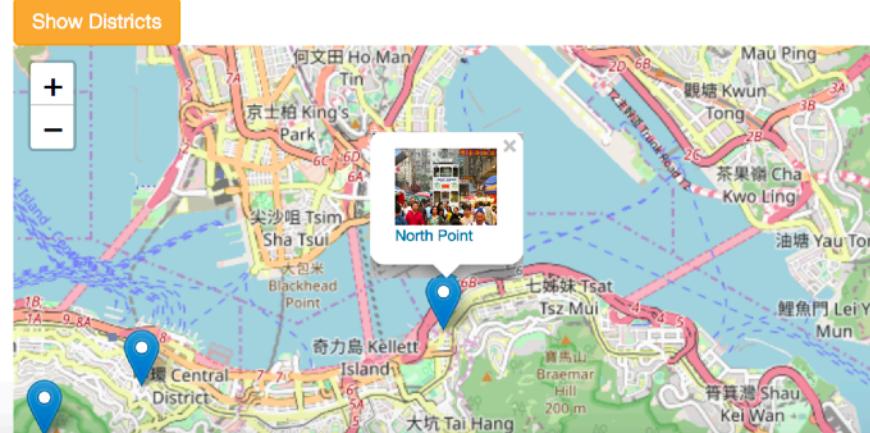
Chart1

Specify color used.

```
var chart = c3.generate({
  data: {
    columns: dataSet,
    type : 'donut',
    colors: {
      radio: '#7FB3D5',
      computer: '#5499C7',
      tv: '#2980B9',
      tablet: '#2471A3'
    }
  },
  donut: {
    title: "Product Distribution",
  },
  bindto: '#chart2'
}); // end c3.generate
```

Chart2

Leaflet Example



1. Define the selector
2. Initialize map view and tile layer.
3. Source of the map tiles (e.g. Open Street Map).
4. Define Airtable API request
5. Fetch data set into JS array.
6. Add markers to the map view based of the data set array.
7. Change map colour to monochrome
8. Marker popup

7

```
var mapboxTiles = L.tileLayer.grayscale('https://s.tile.openstreetmap.org/{z}/{x}/{y}.png', {attribution: 'Map data &copy; OpenStreetMap contributors'})
```

<script>

```
var mapboxTiles = L.tileLayer('https://s.tile.openstreetmap.org/{z}/{x}/{y}.png')
```

Attribution: 'Map data © OpenStreetMap contributors'

3

```
var map = L.map('map')
```

```
.addLayer(mapboxTiles)
```

```
.setView([22.287111, 114.191667], 13);
```

2

JS

```
var items = [];
```

```
var airtable_read_endpoint = "https://api.airtable.com/v0/appKIU0zkdHt3AVTL/Venues?api_key=keycj6dRwXwYLEjiv";
```

```
var data = [];
```

```
$.getJSON(airtable_read_endpoint, function(result) {
    $.each(result.records, function(key,value) {
        items = {};
        items["name"] = value.fields.Name;
        items["url"] = value.fields.url;
        items["image_url"] = value.fields.img_url;
        items["latitud"] = value.fields.Lat;
        items["longitud"] = value.fields.Lng;
        data.push(items);
        console.log(items);
    }); // end .each
}); // end getJSON
</script>
```

5

1. Define the selector
2. Initialize the map view/tile layer
3. Source of the map tiles
4. Define Airtable API request
5. Fetch data set into JS array
6. Add markers to the map view
7. Map colour to monochrome
8. Marker popup

1

Leaflet Example

```
<h1>Leaflet Example</h1>
<div class="row">
    <div class="col-xs-12 col-sm-12 col-md-12">
        <button type="button" class="btn btn-warning" id='roll'></button>
        <div id="map" style="width: 600px; height: 400px"></div>
    </div><!-- column -->
</div><!-- row -->
```

HTML

6

```
<script>
function show_districts(){
    for (var i in data) {
        var latlng = L.latLng({ lat: data[i].latitud, lng: data[i].longitud });
        L.marker( latlng )
            .bindPopup( '<a href="' + data[i].url + '" target="_blank">' + '' + '</a>' );
            .addTo(map);
    }
}
</script>
```

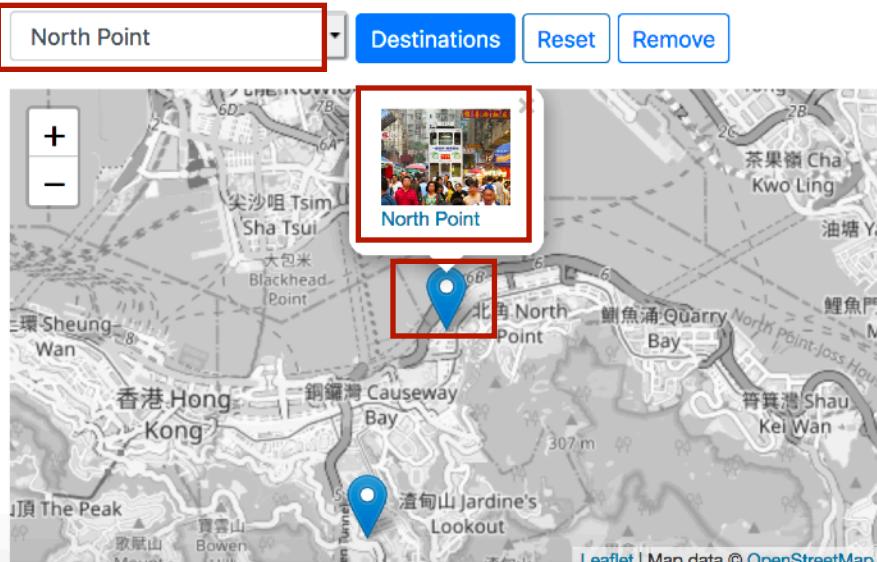
8

JS

Using jQuery getJSON and Airtable API for fun!

Airtable is a wonderful spreadsheet-like database with many useful features for data modeling and basic analytics. When used with other data visualization libraries, it can be a great tool for rapid prototyping.

Leaflet Example



- a) From coloured map to monochrome map
- b) Place marker by selected option
- c) Pop-up

https://ybsuen.github.io/com5961/assignment10/test_getjson2.html

```
var map = L.map('map')
  .addLayer(mapboxTiles)
  .setView([22.287111, 114.191667], 13);

layerGroup = L.layerGroup().addTo(map);

var items = [];
var airtable_read_endpoint = "https://api.airtable.com/v0/appKIU0zld"
var data = [];
$.getJSON(airtable_read_endpoint, function(result) {
  $.each(result.records, function(key,value) {
    items = {};
    items["name"] = value.fields.Name;
    items["url"] = value.fields.url;
    items["image_url"] = value.fields.img_url;
    items["latitud"] = value.fields.Lat;
    items["longitud"] = value.fields.lng;
    data.push(items);
    console.log(items);
  });
}); // end .each
}); // endgetJSON
```

```
<form>
  <div class="form-group">
    <select id="filter" class="form-control form-control-sm" style="width:auto; display:inline-block;">
      <option value="" selected disabled>Please select</option>
      <option value="0">HKU</option>
      <option value="1">Kowloon Science Musuem</option>
      <option value="2">Victoria Peak</option>
      <option value="3">HK Cultural Center</option>
      <option value="4">Choi Hung</option>
      <option value="5">Lan Kwai Fong</option>
      <option value="6">CUHK</option>
      <option value="7">HKBU</option>
      <option value="8">North Point</option>
      <option value="9">Victoria Harbour</option>
      <option value="10">Mong Kok</option>
      <option value="11">Happy Valley</option>
    </select>
    <button type="button" class="btn btn-primary btn-sm" id='roll_up' onclick="show_districts();">Destinations</button>
    <button type="button" class="btn btn-outline-primary btn-sm" id="roll_up" onclick="remove_map();">Remove</button>
  </div>
</form>
```

```
function place_marker() {
  // var place = document.getElementById("filter").value;
  place = parseInt(filter.value);
  var latlng = L.latLng({ lat: data[place].latitud, lng: data[place].longitud });
  L.marker( latlng )
    .bindPopup( '<a href="' + data[place].url + '" target="_blank">' + '<br>' + data[place].name + '</a>' )
    .addTo(layerGroup);
  /*
  var marker = L.marker( data[place].lat, data[place].lng)
    .bindPopup( '<a href="' + data[place].url + '" target="_blank">' + data[place].name + '</a>' )
    .addTo(map);
  */
}
```

Airtable GetJSON

Airtable API Demo

Using jQuery getJSON and Airtable API for fun!

Airtable is a wonderful spreadsheet-like database with many useful features for data modeling and basic analysis. It can be a great tool for rapid prototyping.

[Table](#) [Charts](#) [Remove](#)

Leaflet Example

North Point Destinations [Reset](#) [Remove](#)

Airtable GetJSON

Airtable API Demo

Using jQuery getJSON and Airtable API for fun!

Airtable is a wonderful spreadsheet-like database with many useful features for data modeling and basic analytics. When used with other data visualization libraries, it can be a great tool for rapid prototyping.

[Table](#) [Charts](#) [Remove](#)

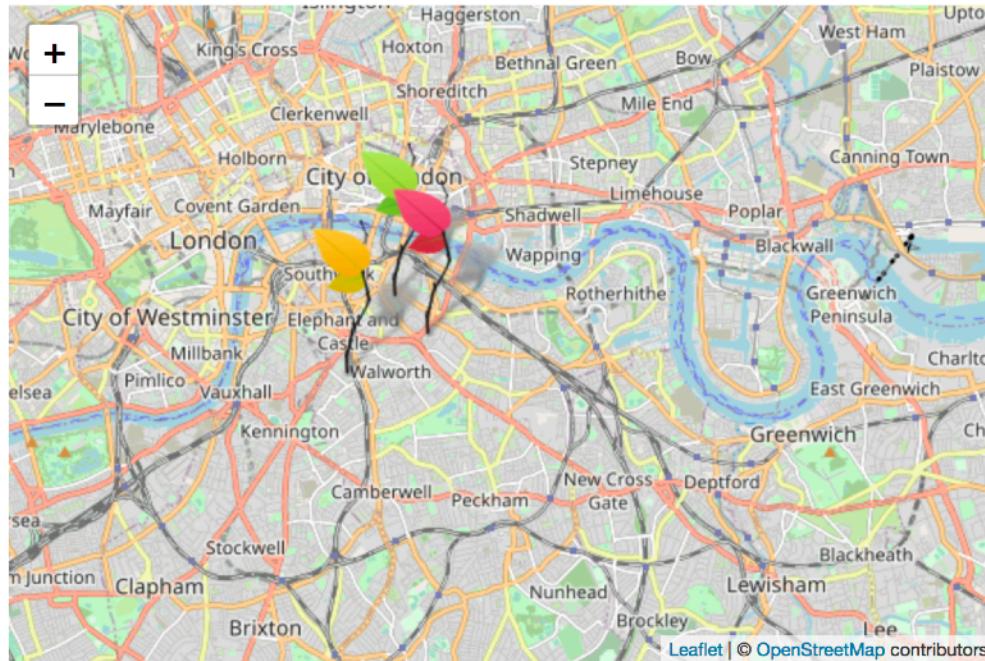
Leaflet Example

Happy Valley Destinations [Reset](#) [Remove](#)

[← Tutorials](#)

Markers With Custom Icons

In this tutorial, you'll learn how to easily define your own icons for use by the markers you put on the map.



[See this example stand-alone.](#)

<https://leafletjs.com/examples/custom-icons/>

**User dashboard examples
from previous students.**



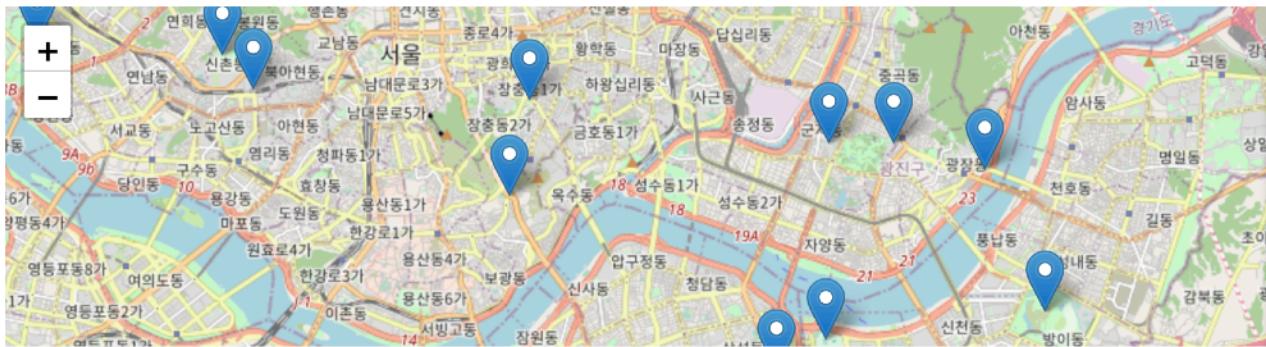
Source: <https://jasmine1022.github.io/SeoulConcertMap>

一键查看所有推荐去处的具体信息

<input type="checkbox"/>	名称	类型	TripAdvisor...	行政区	地址	交通
1	梨花女子大学	文化场所	1115	西大门区	梨花女大街52	2号线梨大(Ewha Woman)
2	庆熙大学	文化场所	123	东大门区	庆熙大路26	1号线回基(Hoegi)站1号出
3	高丽大学	文化场所	53	城北区	安岩路145	6号线安岩(Anam)站1/2号
4	景福宫	文化场所	10421	钟路区	社稷路161	3号线景福宫(Gyeongbok)
5	北汉山国立公园	文化场所	1067	城北区	辅国门路262	4号线吉音(Gireum)站2号
6	韩国国立中央博物馆	文化场所	2303	龙山区	西冰库路137	4号线二村(Ichon)站2号出
7	三清阁	文化场所	112	城北区	大使馆路3	5号线光化门(Gwanghw)
8	北村韩屋村	文化场所	5138	钟路区	北村路11街...	3号线安国(Anguk)站
9	洪陵树木园	公园广场	21	东大门区	回基路57国...	6号线高丽大(Goryeodae)
10	纛岛汉江公园	公园广场	24	广津区	峨嵯山路200	2号线建大入口(Konkuk U)
11	汝矣岛公园	公园广场	637	永登浦区	汝矣岛洞330	5号线汝矣渡口(Yeoui-na)
12	奥林匹克公园	公园广场	695	松坡区	奥林匹克路...	5号线/9号线奥林匹克公园

<input type="checkbox"/>	名称	类型
1	梨花女子大学	文化场所
2	庆熙大学	文化场所
3	高丽大学	文化场所
4	景福宫	文化场所
5	北汉山国立公园	文化场所
6	韩国国立中央博物馆	文化场所
7	三清阁	文化场所
8	北村韩屋村	文化场所
9	洪陵树木园	公园广场
10	纛岛汉江公园	公园广场

点击查看所有场馆具体位置



点击查看场馆最多容纳人数

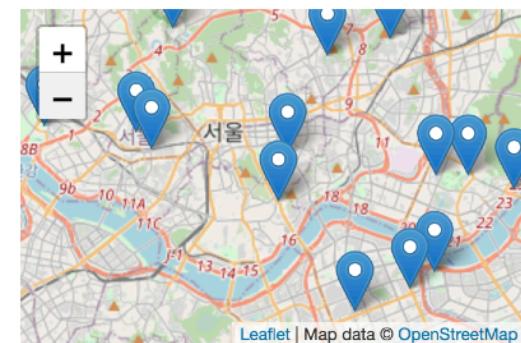
500-1499

100-2999

3000-9999

10000以上

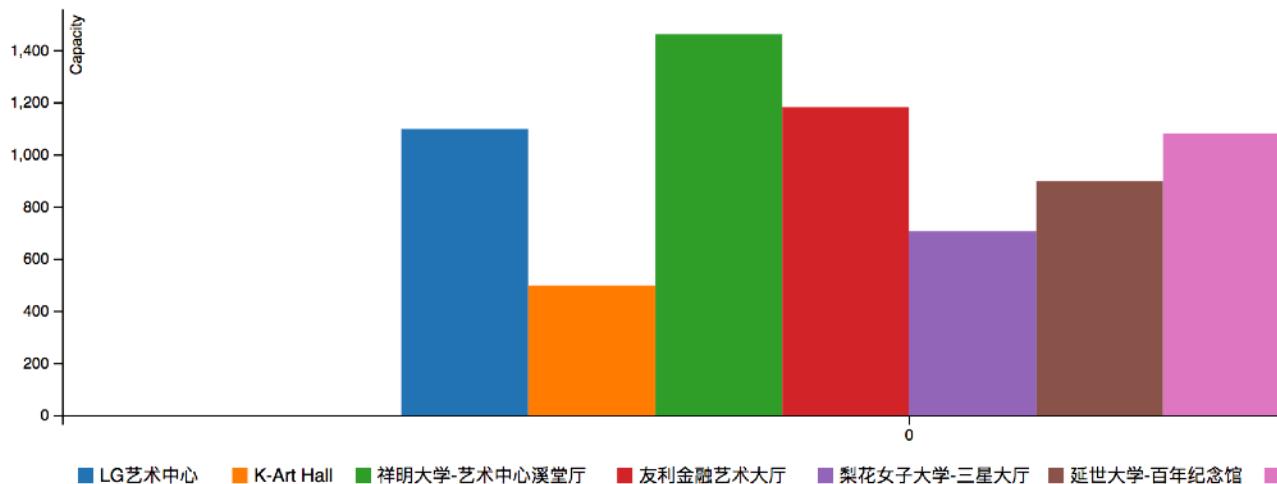
点击查看所有场馆具体位置



点击查看场馆最多容纳人数

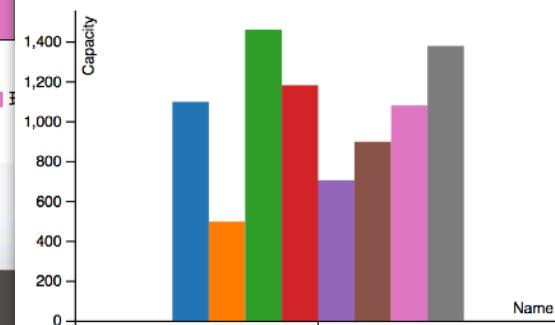
点击查看场馆最多容纳人数

500-1499 100-2999 3000-9999 10000以上



点击查看场馆最多容纳人数

500-1499 100-2999 3000-9999
10000以上



奶茶筛选器

筛选器将每一杯奶茶的店铺、茶类型、茶底（茶叶）、配料等分别列出，建议先在筛选条选择店铺，接着选择想喝的茶类型，如奶盖茶、芝士茶等。点单前记得查看配料噢，避免“踩雷”你不喜欢的配料~

Show 10 entries

Search:

名称	店铺	类型	茶底	配料
霜乳乌龙	一芳台湾水果茶	奶盖茶	乌龙茶	
霜乳青茶	一芳台湾水果茶	奶盖茶	乌龙茶	
白桃乌龙	鹿角巷	纯茶	乌龙茶	
冻顶乌龙（冷泡茶）	奈雪的茶	纯茶	乌龙茶	
玫瑰乌龙	奈雪的茶	纯茶	乌龙茶	
青心乌龙（冷泡茶）	奈雪的茶	纯茶	乌龙茶	
纯金凤茶王	喜茶	纯茶	乌龙茶	
纯金玉	喜茶	纯茶	乌龙茶	
金玉茶王	乐乐茶	纯茶	乌龙茶	
黄金桂	乐乐茶	纯茶	乌龙茶	

Show 10 entries

Search:

名称	店铺	类型
17岁轻茶	CoCo都可	纯茶
17岁轻茶奶霜	CoCo都可	奶盖
CoCo奶茶	CoCo都可	奶茶
Miss可可宝藏茶	奈雪的茶	奶茶
QQ奶茶	CoCo都可	奶茶
一芳水果茶	一芳台湾水果茶	奶茶
三拼QQ奶茶	TPlus	奶茶
三拼QQ牛乳	TPlus	奶茶



首页



筛选



发现

Source: <https://gracege29.github.io/exercise/BTA/home.html>



首页



筛选



发现



我

Showing 1 to 10 of 471 entries

Previous

1

2

3

4

5

...

48

Next

附近店铺

目前仅收录中国香港及深圳部分店铺信息，敬请谅解！

鹿角巷



首页



筛选



发现



首页



筛选



发现



我

WordPress RESTful API

[Register](#) [Log In](#)[Showcase](#) [Themes](#) [Plugins](#) [Mobile](#) [Support](#) [Get Involved](#) [About](#) [Blog](#) [Hosting](#)

Search WordPress.org

[Get WordPress](#)

REST API Handbook

 Search ...

CHAPTERS

[REST API Handbook](#)[Key Concepts](#)[Frequently Asked Questions](#)[Using the REST API](#)[Extending the REST API](#)[Endpoint Reference](#)[Glossary](#)Browse: [Home](#) / REST API Handbook

REST API Handbook

 [Edit](#)

The WordPress REST API provides an interface for applications to interact with your WordPress site by sending and receiving data as [JSON](#) (JavaScript Object Notation) objects. It is the foundation of the [WordPress Block Editor](#), and can likewise enable your theme, plugin or custom application to present new, powerful interfaces for managing and publishing your site content.

TOPICS

[What Is A REST API?](#)[Using the WordPress REST API](#)[Next Steps](#)

<https://<your wordpress website URL>/wp-json/wp/v2/posts>

⌚ July 28, 2020 | ⚑ admin

By Bernard!

can finish the remaining ones in the series. It's good! By Bernard!

Hello, world

⌚ May 10, 2020 | ⚑ admin

With the continuous development of the Internet to meet the growth of smart cities and the upcoming 4th industrial revolution, Internet of Things, Cloud Computing, Artificial Intelligence, Blockchain, and Big Data are increasingly being integrated into the fabric of our works and lives alongside mobile

Recent Comments

Archives

[August 2020](#)
[July 2020](#)
[May 2020](#)

Categories

[Uncategorized](#)

Meta

WordPress RESTful API Demonstration

Id	Title	Content
165	Author Debut Demo for Jack	Name: Bernard Suen Contact @: 2434311 By Bernard!
152	Data Visualization xAPI Test	By Bernard!
133	React Tutorial For Beginners	For those of you who want to join the React clan, here is one of the best introductions explained in a very methodic manner: https://www.youtube.com/watch?v=dGcsHMXbSOA&t=25s . After watching the first video, you can finish the remaining ones in the series. It's good! By Bernard!
109	Hello, world	With the continuous development of the Internet to meet the growth of smart cities and the upcoming 4th industrial revolution, Internet of Things, Cloud Computing, Artificial Intelligence, Blockchain, and Big Data are increasingly being integrated into the fabric of our works and lives alongside mobile and social media. These technologies pose challenges to industries and organisations to adapt and to transform. The purpose of this class is to provide a framework for students to understand the context of this development, so they can equip themselves with required skills to prepare for a career in the field. By Bernard!

API as a product feature



Google Cloud Platform



Prediction API



Natural Language
API



Translation API



Vision API



PayMe Marketplace API
PayMe • paymeapi

Documentation

Inspector



PayMe Marketplace API

Download
API Blueprint

INTRODUCTION

API Capabilities and Structure

Getting Started and Connection Details

Service URLs

Credit Card Numbers for Testing Purposes

INTRODUCTION

Our API is designed to allow platforms to offer a full payment solution as part of their product.

Using the API you can:



Home

Documents

WeChat payment API development documents, [Chinese](#)



Quick Pay

Buyers can present the pay code, vendor will scan the code to finish the transaction.



Alibaba Open Platform

Home

Resources

Platform

▶ Tmall.hk

API for Alibaba ▾

Sourcing API : [Click here](#)

WholeSale API:[Click here](#)

The Strategic Value of APIs

by Bala Iyer and Mohan Subramaniam

JANUARY 07, 2015

Management's next frontier: Making the most of the ecosystem economy

Article
October 2017

By Jürgen Metzger and Anand Swaminathan

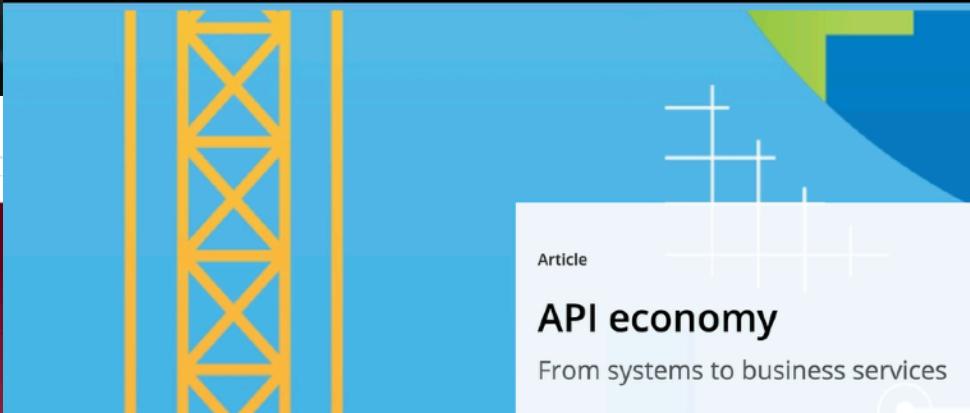
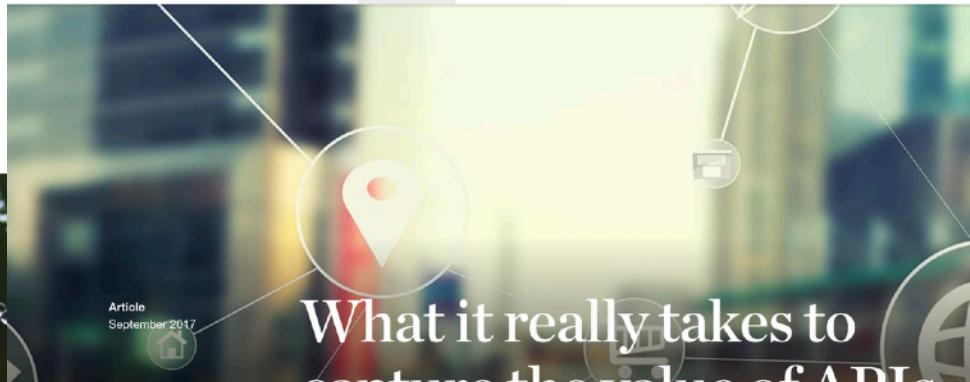
API經濟來了：從開放創新到Open API

by 《數位時代》整合行銷部 2014.11.04



1) <https://www.zhihu.com/question/41941093>

2) <https://baijiahao.baidu.com/s?id=1630137748150984355&wfr=spider&for=pc>





Search



IBM Institute for Business

Our insights

C-suite Study

COVID-19

Cognitive Enterprise

Benchmarking

About the IBV

Home | Emerging and Other technologies | Realizing the economic value of APIs

Follow IBV on social media



Realizing the economic value of APIs

Download the report →

Get insights via email →





Organization and governance

Successful API development requires cross-functional decision-making and oversight. Traditionally, IT departments have developed APIs with little or no input from other functions within the organization. Proactive API-centric organizations generally engage individuals from the relevant lines of business in the API development cycle to provide needed guidance around the right level of desired functionality and customer experience.

These organizations also involve their procurement and legal departments in monitoring intellectual property, developing SLAs and contracting. Marketing professionals play an important role in addressing the branding and promotion of APIs, and focusing on the attraction and recruitment of partners and external developers. Risk managers evaluate potential impacts of security breaches as well as unintended use of the APIs by legitimate parties.



Skills and capabilities

The API economy has implications for both an organization's skills and cultural mindset. An API-centric business requires new capabilities, including product management, data science and intellectual property management, as well as a culture that stresses innovation and resource reuse. For example, the product management skills needed to oversee the entire lifecycle of API management are often different from the technical capabilities needed to architect and code the actual APIs themselves.

One way organizations have set out to address these issues is the use of innovation teams centered on creating an API-centric transformation. These businesses create physical and virtual spaces that bring together architects, developers, product managers and business leaders to rapidly exchange ideas and interact with one another. They provide education on API development, develop use-case opportunities, and leverage internal and external collaborative events to promote API value and usage.

APIs drive digital transformation⁴

International Airlines Group (IAG), one of the world's largest airline groups, needed to transform itself into an agile, digital organization. The company was facing competitive investments in innovation and digital technologies, as well as fear of disruption from a potential "uberization" of the airline industry. IAG set up a digital business team to oversee a digital transformation and connectivity program, with APIs as the underlying driver.

This resulted in closer collaboration between the business and IT functions, connecting operations from the front- to the back-office via APIs and reducing much of the complexity caused by disjointed silos. The airline began a "Connectivity Program" to extend the digital mindset across the company, with a focus on timesaving techniques and tools to help airline crews do their jobs.

From API to No-code Development.

Why API-first & no-code?

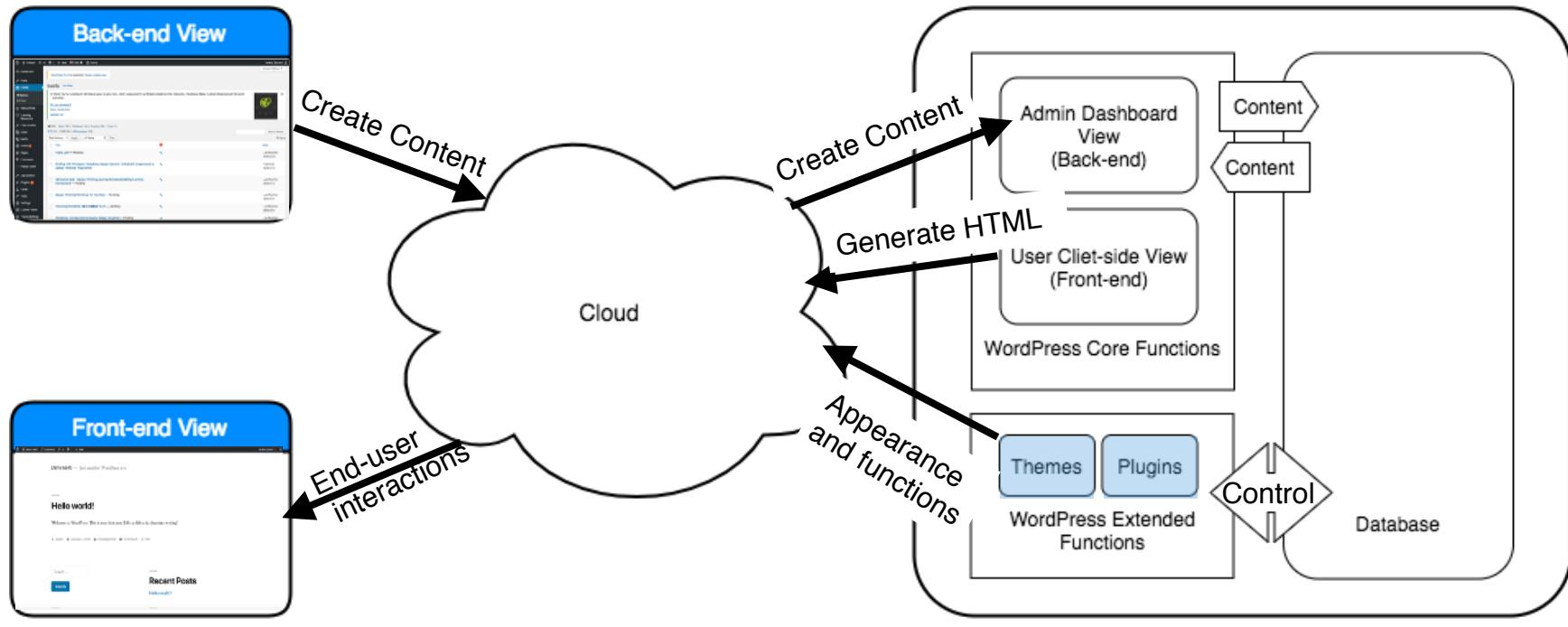
- Decoupling dependencies
- Secure abstraction layer



A medium shot of a man with dark hair, wearing a dark suit jacket over a bright blue button-down shirt. He is positioned in front of a large window that looks out onto a city skyline, featuring the Space Needle prominently. The lighting is bright, suggesting daytime. In the top right corner of the frame, there is a logo consisting of the letters "ESG" in white, each set against a colored square: yellow for "E", red for "S", and orange for "G".

ESG

How Content Management System (e.g. WordPress) works as a nocode/low-code tool.



Source: Adapt from TECH LIMINAL

**WordPress is built on HTML/CSS/JS (Front-end),
PHP and MySQL (Back-end).**

STARTUP RESOURCES

WHAT PROGRAMMING LANGUAGE IS ALIBABA BUILT IN?

 KITTY GUPTA — JULY 4, 2018

The banner for the FreelancingGig Free E-mail Signature Generator. It features the FreelancingGig logo and the text "FREE E-MAIL SIGNATURE GENERATOR". Below it is a yellow button labeled "Try It Now" and a preview of the generated signature.

TRENDING ARTICLES



How to Download and Install WhatsApp for Java Phones



How to Create a WhatsApp Account With a U.S. Number



11 Jokes Only Programmers Will Find Funny

5 Hilarious Programming Jokes for Programmers



Programmer Jokes of The Day



[**f** Share](#)

[**t** Tweet](#)

[**g** Google](#)

[**p** Pinterest](#)

[**in** Linkedin](#)

Alibaba is the largest business-to-business ecommerce platform in the world for small businesses. Alibaba Group started with Alibaba ecommerce website before starting out other ventures like AliExpress, Taobao, AliCloud, AliMusic and much more. The platform deals with importers and exporters of over 240 countries. To handle such high traffic, the technologies used in developing the platform needed to be modern and robust. It has not been developed with one programming languages. As a matter of fact, no website or web platform is developed around one programming language as such. Today, we are going to look in depth the programming languages used for one of the most used ecommerce platforms in the world.

Server Side Programming Languages -

Alibaba started its operation on 15th April 1999. At that time, it was totally based on the popular scripting language PHP. This does not come as a surprise as PHP was the go-to web development language at that time as far as the industrial level was concerned. There are many popular websites developed during that time which are based on PHP like Facebook for an example. But with the rise of the popularity of the platform, the company had to upgrade the technology and bring in more security and features to make the platform user-friendly. Therefore, at a later stage, JAVA was used as a server-side programming language for certain sections which plays a very important role for the website. The Spring framework has been used for implementing Java-based developments. But till date, PHP is the main server-side programming language.

For the server side, it relies on Tengine web server which is based on Nginx & Taoba. Taobao is a programming language developed by Alibaba Group, and it is based on PHP. The language is available in Chinese for the time being. It is mainly used for proxying contents that are static like CSS, static HTML pages, JS and likewise. This is the reason for its faster response time. Apart from these, it uses various software stacks, and one of them is CDN through Apache 2 for localized content. The operating system used on the web server is RedHat Linux. The servers are located in China and the United States.

Client Side Programming Languages -

Apart from the usual HTML, CSS, and JS, the website has constantly been upgrading its technologies and programming languages. For example, it has moved on to HTML5 and CSS3 after their release to be on the same page as the latest technologies and competitors. It heavily depends on JQuery for most of the unique features and functionalities offered to the users. For the JavaScript, different frameworks are used for robust development and making complicated things easy and organized.



f Share

t Tweet

Server Side Programming Languages -

Alibaba started its operation on 15th April 1999. At that time, it was totally based on the popular scripting language PHP. This does not come as a surprise as PHP was the go-to web development language at that time as far as the industrial level was concerned. There are many popular websites developed during that time which are based on PHP like Facebook for an example. But with the rise of the popularity of the platform, the company had to upgrade the technology and bring in more security and features to make the platform user-friendly. Therefore, at a later stage, JAVA was used as a server-side programming language for certain sections which plays a very important role for the website. The Spring framework has been used for implementing Java-based developments. But till date, PHP is the main server-side programming language.

Alibaba is the largest business-to-business ecommerce started with Alibaba ecommerce website before starting AliExpress and much more. The platform deals with international trade and has high traffic, the technologies used in developing the website are mainly developed with one programming language. As a result, there is no separate section for different programming languages as such. Today, we are going to discuss the server-side programming languages used by Alibaba.

Server Side Programming Languages -

Alibaba started its operation on 15th April 1999. At that time, it was totally based on the popular scripting language PHP. This does not come as a surprise as PHP was the go-to web development language at that time as far as the industrial level was concerned. There are many popular websites developed during that time which are based on PHP like Facebook for an example. But with the rise of the popularity of the platform, the company had to upgrade the technology and bring in more security and features to make the platform user-friendly. Therefore, at a later stage, JAVA was used as a server-side programming language for certain sections which plays a very important role for the website. The Spring framework has been used for implementing Java-based developments. But till date, PHP is the main server-side programming language.

For the server side, it relies on Tengine web server which is based on Nginx & Taobao. Taobao is a programming language developed by Alibaba Group, and it is based on PHP. The website has been designed to handle large amounts of traffic efficiently, making complicated things easy and organized.

Client Side Programming Languages -

Apart from the usual HTML, CSS, and JS, the website also uses some client-side programming languages. For example, it has moved to React.js for the front-end development of the website. It has also integrated various other client-side technologies to offer better user experience. The website is highly optimized for mobile devices, making it easy for users to browse and shop on the go.

For the server side, it relies on Tengine web server which is based on Nginx & Taobao. Taobao is a programming language developed by Alibaba Group, and it is based on PHP. The website has been designed to handle large amounts of traffic efficiently, making complicated things easy and organized.



[Share](#)

[Tweet](#)

[Google](#)

[Pinterest](#)

[LinkedIn](#)

Alibaba is the largest business-to-business ecommerce platform in the world for small businesses. Alibaba Group started with Alibaba ecommerce website before starting out other ventures like AliExpress, Taobao, AliCloud, AliMusic and much more. The platform deals with importers and exporters of over 240 countries. To handle such high traffic, the technologies used in developing the platform needed to be modern and robust. It has not been developed with one programming languages. As a matter of fact, no website or web platform is developed around one programming language as such. Today, we are going to look in depth the programming languages used for one of the most used ecommerce platforms in the world.

Server Side Programming Languages -

Alibaba started its operation on 15th April 1999. At that time PHP was the go-to language for server-side programming. This does not come as a surprise as PHP was the go-to language for industrial level web development. There are many popular websites built using PHP like Facebook for an example. But with the rise of the Java programming language, Alibaba decided to switch to Java. At that stage, JAVA was used as a server-side programming language for developing the website. The Spring framework has been used for implementing the main server-side programming language.

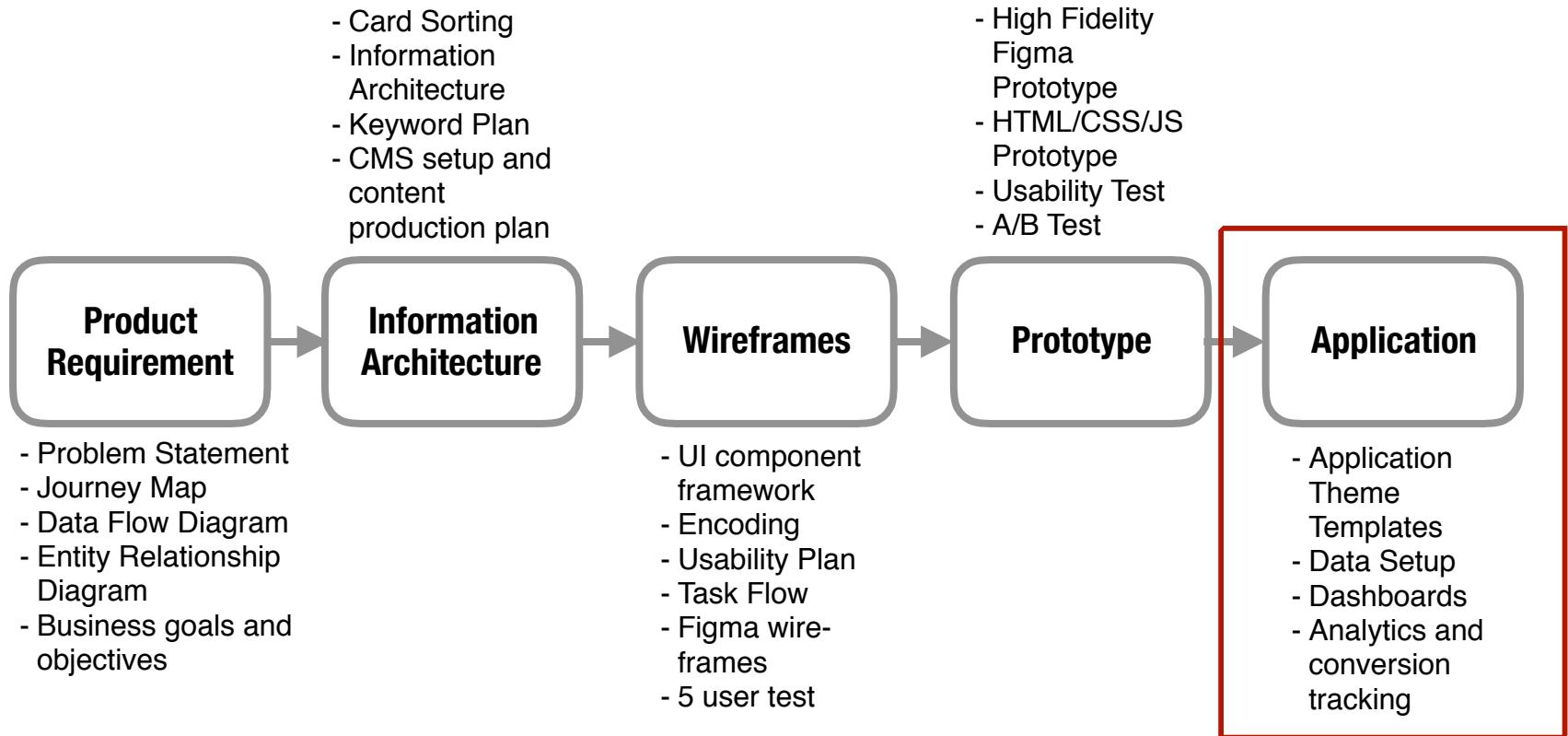
For the server side, it relies on Tengine web server which is developed by Alibaba Group, and it is based on PHP being the primary server-side language. It is mainly used for proxying contents that are static. This is the reason for its faster response time. Apart from these, it uses MySQL as the database system through Apache 2 for localized content. The operating systems used are located in China and the United States.

Client Side Programming Languages -

Apart from the usual HTML, CSS, and JS, the website has constantly been upgrading its technologies and programming languages. For example, it has moved on to HTML5 and CSS3 after its release to be on the same page as the latest technologies and competitors. It heavily depends on JQuery for most of the unique features and functionalities it offers to the users. For the JavaScript, different frameworks are used for robust development and making complicated things easy and organized.

Client Side Programming Languages -

Apart from the usual HTML, CSS, and JS, the website has constantly been upgrading its technologies and programming languages. For example, it has moved on to HTML5 and CSS3 after its release to be on the same page as the latest technologies and competitors. It heavily depends on JQuery for most of the unique features and functionalities it offers to the users. For the JavaScript, different frameworks are used for robust development and making complicated things easy and organized.



**Transform HTML/CSS/JS Prototype into
WordPress Theme**

Why do we need to transform? Can we just present the HTML/CSS/JS files as the finished work?

1. Ongoing content production requires separation of duties and separation of data from layouts.
2. Make it flexible to change the look and layout.
3. Data entry staff no need to know how to design or code.
4. Membership system for tracking conversion.

A little bit of PHP.

Not Secure | www.w3school.com.cn

Apps Greater Bay Area Cyberport Bootca... API Blockchain NLP and Chatbot FinTech E-Commerce Classes Development Tools Data Science Machine Learning Music Other Bookmarks

w3school

HTML / CSS JavaScript Server Side ASP .NET XML Web Services Web Building

HTML 教程

HTML

HTML5

XHTML

CSS

CSS3

TCP/IP

浏览器脚本

JavaScript

HTML DOM

jQuery

jQuery Mobile

AJAX

JSON

DHTML

E4X

WMLScript

服务器脚本

PHP

SQL

ASP

ADO

VBScript

参考手册

HTML/HTML5 标签

HTML 颜色

CSS 1,2,3

JavaScript

HTML DOM

jQuery

jQuery Mobile

VBScript

ASP

ADO

ASP.NET

PHP 5.1

XML DOM

XSLT 1.0

XPath 2.0

XSL-FO

WML 1.1

W3C 术语表

字符集

HTML 字符集

HTML ASCII

HTML ISO-8859-1

领先的 Web 技术教程 – 全部免费

在 w3school, 你可以找到你所需要的所有的网站建设教程。

从基础的 HTML 到 CSS, 乃至进阶的 XML、SQL、JS、PHP 和 ASP.NET。

从左侧的菜单选择你需要的教程!

完整的网站技术参考手册

我们的参考手册涵盖了网站技术的方方面面。

其中包括W3C标准技术: HTML、CSS、XML。以及其他技术, 诸如 JavaScript、PHP、SQL 等。

在线实例测试工具

在 w3school, 我们提供上千个实例。

通过使用我们的在线编辑器, 你可以编辑这些例子, 并对代码进行实验。

<https://www.w3school.com.cn/php/index.asp>



HTML / CSS

JavaScript

Server Side

ASP .NET

XML

Web Services

Web Building

课程表

PHP 教程

PHP 基础教程

PHP 教程

PHP 简介

PHP 安装

PHP 语法

PHP 变量

PHP Echo / Print

PHP 数据类型

PHP 字符串函数

PHP 常量

PHP 运算符

PHP If...Else

PHP Switch

PHP While 循环

PHP For 循环

PHP 函数

PHP 数组

PHP 数组排序

PHP 超全局

PHP 表单

PHP 表单处理

PHP 表单验证

PHP 表单必填

PHP 表单 URL/E-mail

上一节 下一节

PHP 是一种创建动态交互性站点的强有力的服务器端脚本语言。

PHP 是免费的，并且使用广泛。对于像微软 ASP 这样的竞争者来说，PHP 无疑是另一种高效率的选项。

[开始学习 PHP !](#)

通过在线实例学习 PHP

我们的“运行实例”工具降低了 PHP 的学习难度，它可以同时显示出 PHP 源代码以及代码的 HTML 输出。

实例

```
<!DOCTYPE html>
<html>
<body>

<?php
echo "我的第一段 PHP 脚本!";
?>

</body>
</html>
```

工具箱

参考书

小测验

赞助商链接

無需設定費
或月費

支援超過100種貨幣
的收款及付款



Editor

Window

Run - F9



ps



```
1  <!-- *** PhpFiddle Lite *** -->
2
3  <script type="text/javascript">
4      document.write("Hello " + "World!" + "<br />");
5  </script>
6
7  <strong>Hello World!</strong><br />
8
9  <div style="color: #ff0000">Hello World!</div>
10
11 <?php
12     echo 'Hello ', 'World!', '<br />';
13
14
15 ?>
```

<http://phpfiddle.org/lite>

Editor

Window

Run - F9

```
1 <!-- *** PhpFiddle Lite *** -->
2
3 <script type="text/javascript">
4     document.write("Hello " + "World!" + "<br />");
5 </script>
6
7 <strong>Hello World!</strong><br />
8
9 <div style="color: #ff0000">Hello World!</div>
10
11 <?php
12     $i = 1;
13     for ($i; $i < 4; $i++) {
14         echo 'Hello '.'Moon!'. '<br />';
15     }
16 ?>
```

- a) PHP is similar to Javascript in syntax.
- b) A PHP variable start with a \$ sign.
- c) The echo command in PHP means print to the HTML page, similar to the document.write command in Javascript.



Editor



Window



Run – F9

Hello World!

Hello World!

Hello World!

Hello Moon!

Hello Moon!

Hello Moon!

Editor

Window

Run - F9

```
1 <!-- *** Proprietary Lite *** -->
2
3 <script type="text/javascript">
4     document.write("Hello " + "World!" + "<br />");
5 </script>
6
7 <strong>Hello World!</strong><br />
8
9 <div style="color: #ff0000">Hello World!</div>
10
11 <?php
12     $i = 1;
13     while ($i < 4) {
14         echo 'Hello '.'Class!'. '<br />';
15         $i++;
16     }
17 ?>
```

- a) The **while** command, similar to the **for** command, is another way to handle **loop** in PHP.
- b) The **index** (i.e. **\$i**) is incremented (i.e. **\$i++**) inside the loop.



Editor



Window



Run – F9

Hello World!

Hello World!

Hello World!

Hello Class!

Hello Class!

Hello Class!

**Let's start from the beginning.
Upload your HTML/CSS/JS templates.**



Home

FileZilla

Features
Screenshots
Download
Documentation
FileZilla Pro

FileZilla Server

Download

Community

Forum
Project page
Wiki

General

FAQ
Support
Contact
License
Privacy Policy
Trademark Policy

Development

Source code
Nightly builds
Translations
Version history
Changelog
Issue tracker

Other projects

libfilezilla
Octochess

Sponsors:

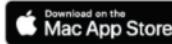


Promotion:



FileZilla Pro

S3, Google Drive - Cloud, OneDrive, Azure, Dropbox, WebDAV



Download FileZilla Client for Mac OS X

The latest stable version of FileZilla Client is 3.39.0

Please select the file appropriate for your platform below.

Mac OS X

[Download FileZilla Client](#) 

This installer may include bundled offers. Check below for more options.

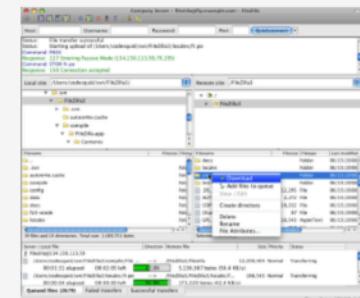
Requires OS X 10.9 or newer

More download options

Other platforms: 

Not what you are looking for?

[Show additional download options](#) 



You need a tool to upload your templates. **FileZilla Client** is its name (<https://filezilla-project.org/download.php>).

**Obtain connection info from pantheon.io
to set up your FileZilla Client**

 demo5940[Upgrade](#)[Multidev](#) ▾ Dev Test Live

Workflows ▾

 Team Settings Support[Visit Development Site](#)[Site Admin](#) Public Connection Info Clear Caches Code Status 2 Database / Files Errors Domains / HTTPS Backups Security New Relic

Development Mode

 SFTP Git[Connect with SFTP](#) ▾

Bernard Suen <bsyssin@gmail.com>

No changes to commit

[Commit](#)

Commit Log



"Applying pantheon.yml file"

1f2a72b869

From Root, 33 minutes ago | [See Diff](#)

"Initial Commit"

e603049585

From Root, 33 minutes ago | [See Diff](#)

demo5940[Upgrade](#)[Multidev](#) ▾[Dev](#)[Test](#)[Live](#)[Workflows](#) ▾[Team](#)[Settings](#)[Support](#)[Visit Development Site](#)[Site Admin](#)[Public](#)[Connection Info](#)[Clear Caches](#)

Code

[Status](#) 2[Database / Files](#)[Errors](#)[Domains / HTTPS](#)[Backups](#)[Security](#)[New Relic](#)

Development Mode

[SFTP](#)[Git](#)

Bernard Suen <bsysin@gmail.com>

No changes to commit

Commit Log



"Applying pantheon.yml file"

From Root, 33 minutes ago | [See Diff](#)

"Initial Commit"

From Root, 33 minutes ago | [See Diff](#)

Git

SSH clone URL:

`git clone ssh://codeserver.dev.cd8`

Database

Command Line:

`mysql -u pantheon -p112d6db58C`

Host:

dbserver.dev.cd8a837b-a60b-480

869

Username:

pantheon

585

Password:

`112d6db580d74564a5237f660fd4`

Port:

19800

 Security

 New Relic

 "Applying pantheon.yml file"

From Root, 33 minutes ago | [See Diff](#)

 "Initial Commit"

From Root, 33 minutes ago | [See Diff](#)

Host:

dbserver.dev.cd8a837b-a60b-480

869

Username:

pantheon

585

Password:

112d6db580d74564a5237f660fd4

Port:

19800

DB Name:

pantheon

SFTP

Client: [Open in SFTP client](#)

Command Line:

sftp -o Port=2222 dev.cd8a837b-a

Host:

appserver.dev.cd8a837b-a60b-48

Username:

dev.cd8a837b-a60b-4809-907c-ffa

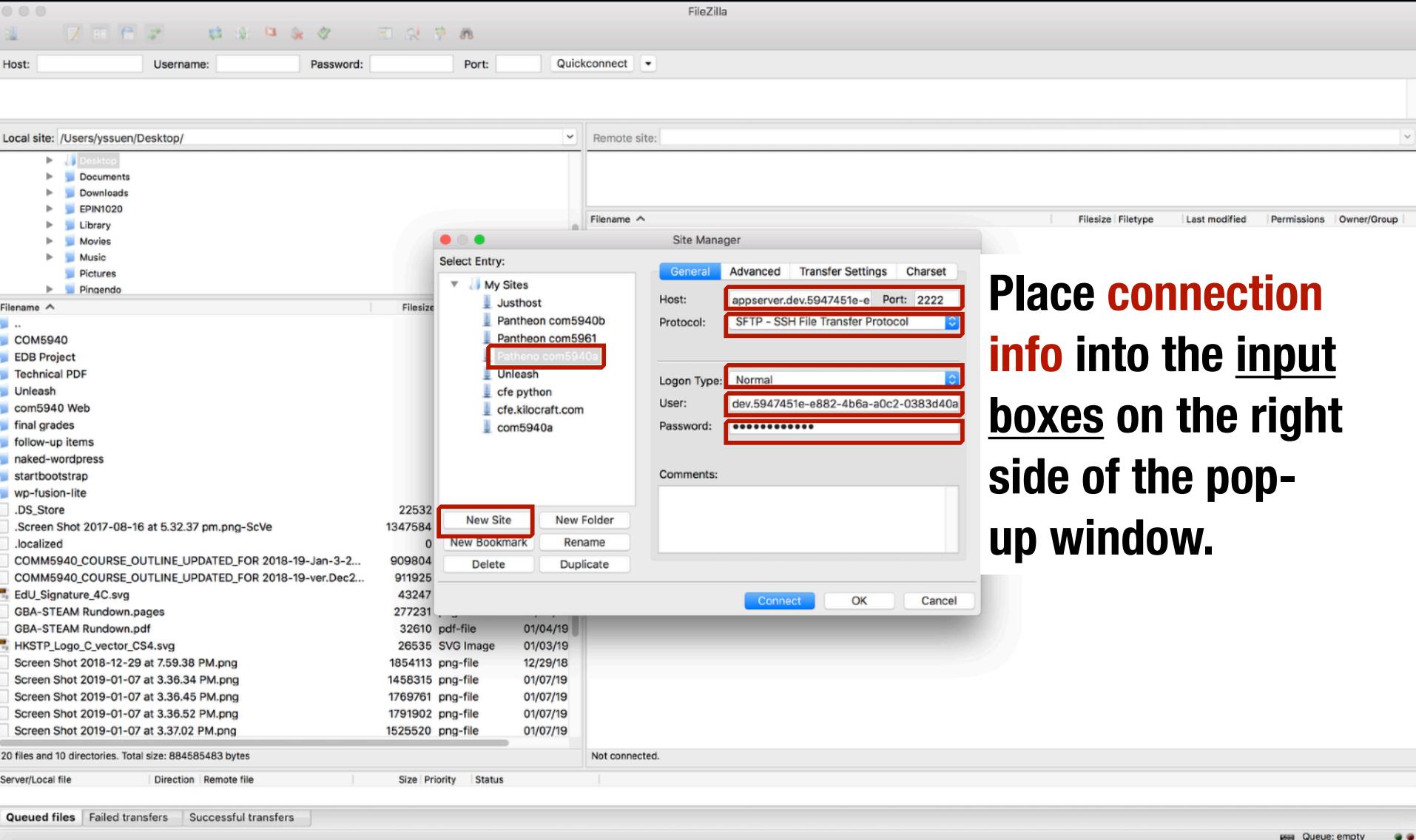
Password:

Use your Dashboard password

Port:

2222

**Copy connection info to
set up new site in
Filezilla Client.**



Place connection info into the input boxes on the right side of the pop-up window.

Patheno com5940a - sftp://dev.5947451e-e882-4b6a-a0c2-0383d40aa3ab@appserver.dev.5947451e-e882-4b6a-a0c2-0383d40aa3ab.drush.in:2222 - FileZilla

Host: Username: Password: Port: Quickconnect ▾

Status: Connected to appserver.dev.594/43 le-8662~4008~8U2~0363U40aa3ab.DRUSH.III
 Status: Retrieving directory listing..
 Status: Listing directory /srv/bindings/68df37b7070748ba9f08542c54d9354e
 Status: Directory listing of "/srv/bindings/68df37b7070748ba9f08542c54d9354e" successful

Pantheon com5940b - sftp://dev.b5860b20-aa3c-4c2b-9fce-cde28eb49492@appserver.dev.b5860b20-aa3c-4c2b-9fce-cde28eb49492.drush.in:2222 Patheno com5940a - sftp://dev.5947451e-e882-4b6a-a0c2-0383d40aa3ab@appserver.dev.5947451e-e882-4b6a-a0c2-0383d40aa3ab.drush.in:2222

Local site: /Users/yssuen/Desktop/ Remote site: /srv/bindings/68df37b7070748ba9f08542c54d9354e

Filename	Filesize	Filetype	Last mod	Filesize	Filetype	Last modified	Permissions	Owner/Group
..								
COM5940		Directory	11/08/18			01/06/19 17:...	drwxrwx---	root 68df...
EDB Project		Directory	01/04/19			07/11/17 02:4...	drwxr-xr-x	68df37b7...
Technical PDF		Directory	12/23/18			01/06/19 17:...	lrwxrwxrwx	root root
Unleash		Directory	12/23/18			01/06/19 18:...	drwxr----	68df37b7...
com5940 Web		Directory	12/29/18			01/06/19 17:...	drwxrwx--	root 68df...
final grades		Directory	01/03/19			01/06/19 17:...	drwxr-x--	root 68df...
follow-up items		Directory	01/03/19			01/06/19 17:...	drwxrwx--	root 68df...
naked-wordpress		Directory	03/01/18			01/06/19 17:...	drwxr-x--	root 68df...
startbootstrap		Directory	12/23/18			01/06/19 18:1...	drwxr-xr-x	68df37b7...
wp-fusion-lite		Directory	11/05/18			01/06/19 17:...	drwxr-xr-x	root root
.DS_Store	22532	File	01/07/19			01/06/19 17:...	drwxr-xr-x	root root
.Screen Shot 2017-08-16 at 5.32.37 pm.png-ScVe	1347584	png-ScVe-file	08/16/17	0	File	02/06/18		
.localized								
COMM5940_COURSE_OUTLINE_UPDATED_FOR 2018-19-Jan-3-2...	909804	pages-file	01/06/19					
COMM5940_COURSE_OUTLINE_UPDATED_FOR 2018-19-ver.Dec2...	911925	pages-file	01/04/19					
EdU_Signature_4C.svg	43247	SVG Image	01/03/19					
GBA-STEAM Rundown.pages	277231	pages-file	01/04/19					
GBA-STEAM Rundown.pdf	32610	pdf-file	01/04/19					
HKSTP_Logo_C_vector_CS4.svg	26535	SVG Image	01/03/19					
Screen Shot 2018-12-29 at 7:59.38 PM.png	1854113	png-file	12/29/18	84	csv-file	01/06/19		
Tasks-Main View.csv	56638	png-file	01/07/19					
WordPress.png								
...								

14 files and 10 directories. Total size: 848621139 bytes

Server/Local file Direction Remote file Size Priority Status

Queued files Failed transfers Successful transfers Queue: empty

Lookup a folder named “code”.

Patheno com5940a - sftp://dev.5947451e-e882-4b6a-a0c2-0383d40aa3ab@appserver.dev.5947451e-e882-4b6a-a0c2-0383d40aa3ab.drush.in:2222 - FileZilla

Host: Username: Password: Port: Quickconnect

Status: Listing directory /srv/bindings/68df37b7070748ba9f08542c54d9354e/code/wp-content/themes

Status: Directory listing of "/srv/bindings/68df37b7070748ba9f08542c54d9354e/code/wp-content/themes" successful

Status: Retrieving directory listing of "/srv/bindings/68df37b7070748ba9f08542c54d9354e/code/wp-content"...

Status: Directory listing of "/srv/bindings/68df37b7070748ba9f08542c54d9354e/code/wp-content" successful

Local site: /Users/yssuen/Desktop/

Remote site: /srv/bindings/68df37b7070748ba9f08542c54d9354e/code/wp-content

wp-content

themes

Filesize | Filetype | Last mod

Filename ^

Filename	Filesize	Filetype	Last mod
..			
COM5940		Directory	11/08/18
EDB Project		Directory	01/04/19
Technical PDF		Directory	12/23/18
Unleash		Directory	12/23/18
com5940 Web		Directory	12/29/18
final grades		Directory	01/03/19
follow-up items		Directory	01/03/19
naked-wordpress		Directory	03/01/18
startbootstrap		Directory	12/23/18
wp-fusion-lite		Directory	11/05/18
.DS_Store	22532	File	01/07/19
.Screen Shot 2017-08-16 at 5.32.37 pm.png.ScVe	1347584	png-ScVe-file	08/16/17
.localized	0	File	02/06/18
COMM5940_COURSE_OUTLINE_UPDATED_FOR 2018-19-Jan-3-2...	909804	pages-file	01/06/19
COMM5940_COURSE_OUTLINE_UPDATED_FOR 2018-19-ver.Dec2...	911925	pages-file	01/04/19
Edu_Signature_4C.svg	43247	SVG Image	01/03/19
GBA-STEAM Rundown.pages	277231	pages-file	01/04/19
GBA-STEAM Rundown.pdf	32610	pdf-file	01/04/19
HKSTP_Logo_C_vector_CS4.svg	26535	SVG Image	01/03/19
Screen Shot 2018-12-29 at 7.59.38 PM.png	1854113	png-file	12/29/18
Screen Shot 2019-01-07 at 3.36.34 PM.png	1458315	png-file	01/07/19
Screen Shot 2019-01-07 at 3.36.45 PM.png	1769761	png-file	01/07/19
Screen Shot 2019-01-07 at 3.36.52 PM.png	1791902	png-file	01/07/19
Screen Shot 2019-01-07 at 3.37.02 PM.png	1525520	png-file	01/07/19

20 files and 10 directories. Total size: 884585483 bytes

Selected 1 directory.

Server/Local file | Direction | Remote file | Size | Priority | Status

Queued files Failed transfers Successful transfers

Queue: empty

Then lookup the **themes** folder
inside the **wp-content** folder.

demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222 - FileZilla

Host: Username: Password: Port: Quickconnect

Status: Directory listing of "/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes" successful

Status: Retrieving directory listing of "/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes"...

Status: Listing directory /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes

Status: Directory listing of "/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes" successful

Local site: /Users/yyssuen/

Remote site: /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes

FileZilla interface showing local and remote file structures. A context menu is open over the "index.php" file in the remote site's themes directory, with the "Create directory" option highlighted.

Local Site (Left):

- ..
- .IdentityService
- .ServiceHub
- .Trash
- .adobe
- .anaconda
- .android
- .atom
- .bash_sessions
- .cache
- .chemaxon
- .cocoapods
- .conda
- .config
- .cups
- .dia
- .dia-etc
- .fontconfig
- .freemind
- .gem
- .gradle
- .ipynb_checkpoints
- .ipython
- .jssc
- .iuvnter

88 files and 84 directories. Total size: 7764233 bytes

Remote Site (Right):

Filename	Filesize	Filetype	Last modified	Permissions	Owner/Group
..					
naked-wordpress		Directory	01/07/19 20:...	drwxr-xr-x	556166c ...
twentyeleven		Directory	01/11/19 14:5...	drwxr-xr-x	556166c ...
twentynineteen		Directory	01/11/19 14:5...	drwxr-xr-x	556166c ...
twentyseventeen		Directory	01/11/19 14:5...	drwxr-xr-x	556166c ...
twentysixteen		Directory	01/11/19 14:5...	drwxr-xr-x	556166c ...
index.php	28	PHP	01/07/19 14:5...	-rw-r--r--	556166c ...

Context Menu (Over index.php):

- Download
- Add files to queue
- View/Edit
- Create directory **Selected**
- Create directory and enter it
- Create new file
- Refresh
- Delete
- Rename
- Copy URL(s) to clipboard
- File permissions...

1 file and 5 directories. Total size: 28 bytes

Server/Local file Direction Remote file Size | Priority | Status

sftp://dev.cd8a837b-a...

Queued files (1) Failed transfers Successful transfers

Queue: 89 B

FileZilla File Edit View Transfer Server Bookmarks ? New version available!

demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222 - FileZilla

Host: [] Username: [] Password: [] Port: [] Quickconnect []

Status: Directory listing of "/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content" successful
Status: Retrieving directory listing of "/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes"..
Status: Listing directory /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes
Status: Directory listing of "/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes" successful

Local site: /Users/ysuen/

Remote site: /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes

Filesize Filetype Last mod

Filename

..

.. naked-wordpress

.IdentityService twentyeleven

.ServiceHub twentynineteen

.Trash twentyseventeen

.adobe twentysixteen

.anaconda index.php

.android

.atom

.bash_sessions

.cache

.chemaxon

.cocopods

.conda

.config

.cups

.dia

.dia-etc

.fontconfig

.freemind

.gem

.gradle

.ipynb_checkpoints

.ipython

.jsc

.iunvter

88 files and 84 directories. Total size: 7764233 bytes

Filesize Filetype Last mod

Filename

..

.. mu-plugins

.IdentityService plugins

.ServiceHub themes

.Trash upgrade

.adobe

.anaconda

.android

.atom

.bash_sessions

.cache

.chemaxon

.cocopods

.conda

.config

.cups

.dia

.dia-etc

.fontconfig

.freemind

.gem

.gradle

.ipynb_checkpoints

.ipython

.jsc

.iunvter

1 file and 5 directories. Total size: 28 bytes

Create directory

Please enter the name of the directory which should be created:

e434598e3059737ab0977/code/wp-content/themes /com5961

Cancel OK

Server/Local file Direction Remote file Size Priority Status

sftp://dev.cd8a837b-a..

Queued files (1) Failed transfers Successful transfers

demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222 - FileZilla

Host: Username: Password: Port: Quickconnect

Status: Retrieving directory listing of "/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes..."

Status: Listing directory /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes

Status: Directory listing of "/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes" successful

Status: Creating directory /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5940...

Local site: /Users/yssuen/

Remote site: /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes

Filename	Filesize	Filetype	Last mod	Directory	Filesize	Filetype	Last modified	Permissions	Owner/Group
com5961				Directory					
naked-wordpress				Directory	01/07/19 20:...	drwxr-xr-x	556166c ...		
twentyeleven				Directory	01/11/19 14:5...	drwxr-xr-x	556166c ...		
twentynineteen				Directory	01/11/19 14:5...	drwxr-xr-x	556166c ...		
twentyseventeen				Directory	01/11/19 14:5...	drwxr-xr-x	556166c ...		
twentysixteen				Directory	01/11/19 14:5...	drwxr-xr-x	556166c ...		
index.php									

28 PHP 01/07/19 14:5... -rw-r--r-- 556166c ...

88 files and 84 directories. Total size: 7764233 bytes

1 file and 6 directories. Total size: 28 bytes

Server/Local file Direction Remote file Size Priority Status

sftp://dev.cd8a837b-a...

Queued files (1) Failed transfers Successful transfers

demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222 - FileZilla

Host: Username: Password: Port: Quickconnect

Status: Creating directory /srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940 ...
Status: Retrieving directory listing of "/srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940..."
Status: Listing directory /srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940
Status: Directory listing of "/srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940" successful

Local site: /Users/yssuen/

Remote site: /srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5961

plugins
themes
com5940

Filename	Filesize	Filetype	Last mod
..			
.IdentityService		Directory	03/03/18
.ServiceHub		Directory	01/06/19
.Trash		Directory	01/11/19
.adobe		Directory	06/04/17
.anaconda		Directory	02/07/18
.android		Directory	06/02/18
.atom		Directory	09/08/18
.bash_sessions		Directory	12/07/18
.cache		Directory	06/06/17
.chemaxon		Directory	08/02/18
.cocoapods		Directory	06/01/18
.conda		Directory	12/02/18
.config		Directory	11/27/18
.cups		Directory	07/15/17
.dia		Directory	06/06/17
.dia-etc		Directory	06/06/17
.fontconfig		Directory	06/12/17
.freemind		Directory	12/30/18
.gem		Directory	05/31/18
.gradle		Directory	06/01/18
.ipynb_checkpoints		Directory	11/19/18
.ipython		Directory	02/07/18
.jssc		Directory	07/19/17
.iuovter		Directory	05/26/18

88 files and 84 directories. Total size: 7764233 bytes

Empty directory.

Server/Local file | Direction | Remote file | Size | Priority | Status

sftp://dev.cd8a837b-a...

Queued files (1) Failed transfers Successful transfers

demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222 - FileZilla

Host: Username: Password: Port: Quickconnect

Status: Creating directory /srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940...
Status: Retrieving directory listing of "/srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940..."
Status: Listing directory /srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940
Status: Directory listing of "/srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940" successful

Local site: /Users/ysuen/

Remote site: /srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5961

plugins
themes
com5940

Empty directory listing

Filename ^ Filesize filetype Last mod

..
.IdentityService
.ServiceHub
.Trash
.adobe
.anaconda
.android
.atom
.bash_sessions
.cache
.chemaxon
.cocoapods
.conda
.config
.cups
.dia
.dia-etc
.fontconfig
.freemind
.gem
.gradle
.ipynb_checkpoints
.python
.jssc
.iunvter

Directory 03/03/18
Directory 01/06/19
Directory 01/11/19
Directory 06/04/17
Directory 02/07/18
Directory 06/02/18
Directory 09/08/18
Directory 12/07/18
Directory 06/06/17
Directory 08/02/18
Directory 06/01/18
Directory 12/02/18
Directory 11/27/18
Directory 07/15/17
Directory 06/06/17
Directory 06/06/17
Directory 06/12/17
Directory 12/30/18
Directory 05/31/18
Directory 06/01/18
Directory 11/19/18
Directory 02/07/18
Directory 07/19/17
Directory 05/26/18

Download
Add files to queue
View/Edit
Create directory
Create directory and enter it
Create new file
Refresh
Delete
Rename
Copy URL(s) to clipboard
File permissions...

Empty directory.

88 files and 84 directories. Total size: 7764233 bytes

Server/Local file Direction Remote file Size Priority Status

sftp://dev.cd8a837b-a...

Queued files (1) Failed transfers Successful transfers

demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222 - FileZilla

Host: Username: Password: Quickconnect

Status: Creating directory /srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940...
Status: Retrieving directory listing of "/srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940..."
Status: Listing directory /srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940
Status: Directory listing of "/srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940" successful

Local site: /Users/ysuer/

Remote site: /srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5941

Filesize Filetype Last mod

Filename ^

..

.IdentityService .Directory 03/03/18

.ServiceHub .Directory 01/06/19

.Trash .Directory 01/11/19

.adobe .Directory 06/04/17

.anaconda .Directory 02/07/18

.android .Directory 06/02/18

.atom .Directory 09/08/18

.bash_sessions .Directory 12/07/18

.cache .Directory 06/06/17

.chemaxon .Directory 08/02/18

.cocoapods .Directory 06/01/18

.conda .Directory 12/02/18

.config .Directory 11/27/18

.cups .Directory 07/15/17

.dia .Directory 06/06/17

.dia-etc .Directory 06/06/17

.fontconfig .Directory 06/12/17

.freemind .Directory 12/30/18

.gem .Directory 05/31/18

.gradle .Directory 06/01/18

.ipynb_checkpoints .Directory 11/19/18

.ipython .Directory 02/07/18

.jsc .Directory 07/19/17

.iuvoter .Directory 05/26/18

88 files and 84 directories. Total size: 7764233 bytes

Empty directory.

Create empty file

Please enter the name of the file which should be created:

Cancel OK

Server/Local file Direction Remote file Size Priority Status

sftp://dev.cd8a837b-a...

Queued files (1) Failed transfers Successful transfers

demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222 - FileZilla

Host: [] Username: [] Password: [] Port: [] Quickconnect []

Status: Directory listing of /srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940 successful
Status: Starting upload of /var/folders/cz/htcw90m56vzcypj67y219dh000gn/t/fz3temp-1/empty_file_yq744zm
Status: local/var/folders/cz/htcw90m56vzcypj67y219dh000gn/t/fz3temp-1/empty_file_yq744zm => remote:/srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5940/index.php
Status: File transfer successful, transferred 0 bytes in 1 second

Local site: /Users/yssuen/ Remote site: /srv/bindings/556166c792ee434598e305973ab0977/code/wp-content/themes/com5941

index.php

Filename	Filesize	Filetype	Last modified	Permissions	Owner/Group
index.php	0	PHP			

88 files and 84 directories. Total size: 7764233 bytes

Server/Local file Direction Remote file Size Priority Status

sftp://dev.cd8a837b-a..

Queued files (1) Failed transfers Successful transfers

The screenshot shows a comparison between a local Mac OS X file structure and a remote Linux file structure via SFTP. The local site on the left displays a standard Mac OS X desktop environment with various system folders like .IdentityService, .ServiceHub, .Trash, and .adobe. The remote site on the right shows a clean directory structure under /srv/bindings, specifically the wp-content/themes/com5941 directory. A single file, index.php, has been uploaded to this directory. The FileZilla interface includes status messages at the top, a toolbar with icons, and a bottom navigation bar with tabs for queued files, failed transfers, and successful transfers.

demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222 - FileZilla

Host: Username: Password: Port: Quickconnect

Status: Directory listing of /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5940 successful

Status: Starting upload of /var/folders/cz/htcw90m56vcypjt67y219dh0000gn/T/fz3temp-1/empty_file_yq744zm

Status: local:/var/folders/cz/htcw90m56vcypjt67y219dh0000gn/T/fz3temp-1/empty_file_yq744zm => remote:/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5940/index.php

Status: File transfer successful, transferred 0 bytes in 1 second

Local site: /Users/yssun/

Remote site: /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5940

FileZilla interface showing local and remote file structures. A modal dialog is open for creating an empty file named "style.css".

Local Site File Structure:

- ..
- .IdentityService
- .ServiceHub
- .Trash
- .adobe
- .anaconda
- .android
- .atom
- .bash_sessions
- .cache
- .chemaxon
- .cocoadpods
- .conda
- .config
- .cups
- .dia
- .dia-etc
- .fontconfig
- .freemind
- .gem
- .gradle
- .ipynb_checkpoints
- .ipython
- .jssc
- .iunvter

88 files and 84 directories. Total size: 7764233 bytes

Server/Local file | Direction | Remote file | Size | Priority | Status

sftp://dev.cd8a837b-a..

Queued files (1) Failed transfers Successful transfers

Create empty file dialog:

Please enter the name of the file which should be created:

Cancel OK

demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222 - FileZilla

Host: Username: Password: Port: Quickconnect

Status: File transfer successful, transferred 0 bytes in 1 second
Status: Starting upload of /var/folders/cz/htcw90m56vcypj67y219dh0000gn/t/fz3temp-1/empty_file_yq744zm
Status: local/var/folders/cz/htcw90m56vcypj67y219dh0000gn/t/fz3temp-1/empty_file_yq744zm => remote:/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5940/style.css
Status: File transfer successful, transferred 0 bytes in 1 second

Local site: /Users/yssuuen

Remote site: /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5940

Filename ^ Filesize Filetype Last mod

	Filesize	Filetype	Last mod
..			
.IdentityService		Directory	03/03/18
.ServiceHub		Directory	01/06/19
.Trash		Directory	01/11/19
.adobe		Directory	06/04/17
.anaconda		Directory	02/07/18
.android		Directory	06/02/18
.atom		Directory	09/08/18
.bash_sessions		Directory	12/07/18
.cache		Directory	06/06/17
.chemaxon		Directory	08/02/18
.cocoapods		Directory	06/01/18
.conda		Directory	12/02/18
.config		Directory	11/27/18
.cups		Directory	07/15/17
.dia		Directory	06/06/17
.dia-etc		Directory	06/06/17
.fontconfig		Directory	06/12/17
.freemind		Directory	12/30/18
.gem		Directory	05/31/18
.gradle		Directory	06/01/18
.ipynb_checkpoints		Directory	11/19/18
.ipython		Directory	02/07/18
.jscs		Directory	07/19/17
.lunvter		Directory	05/26/18

88 files and 84 directories. Total size: 7764233 bytes

Server/Local file Direction Remote file Size Priority Status

sftp://dev.cd8a837b-a..

Queued files (1) Failed transfers Successful transfers

index.php 0 PHP
style.css 0 CSS

Wordpress 5.0.3 is available! Please update from [your Pantheon dashboard](#).
For details on applying updates, see the [Applying Upstream Updates](#) documentation.
If you need help, open a support chat on Pantheon.

Howdy, admin

Dashboard Posts Media Pages Comments Appearance Themes 6 Add New Search installed themes...

NAKED WORDPRESS
The solution for designers who don't know WordPress

Active: Naked Wordpress Customize

com5961

Twenty Sixteen

Come Sail Away with Me
Individually, we are one drop. Together, we are an ocean.

Twenty Seventeen

Twenty Sixteen

Twenty Eleven

Featured Posts in Twenty Eleven

Twenty Eleven

Twenty Nineteen

Welcome

Digital strategy for unique small businesses

Twenty Nineteen

Add New Theme

The Bare Minimum for Setting up a WordPress Theme ([index.php](#) and [style.css](#))

```
/*
Theme Name: com5961
Theme URI: https://ybsuen.github.io
Author: the WordPress team
Author URI: https://ybsuen.github.io
Description: Just a demo
Version: 1.0
*/
```

**Comment codes
for style.css**

Source: https://codex.wordpress.org/The_Loop_in_Action

Project

- > Downloads
- > Desktop
- > wp498c
- > wp498a
- > wp498b
- > wp502a
- ▼ startbootstrap-clean-blog-1.0.4
 - > css
 - > fonts
 - > img
 - > js
 - > less
 - > mail
 - .DS_Store
 - about.html
 - contact.html
 - index.html
 - LICENSE
 - post.html
 - README.md

index.html 209:3 (209, 9814)

index.html

```
1 <!DOCTYPE html>
2 <html>
3   ...
4     <head>
5       <meta charset="utf-8">
6       <meta http-equiv="X-UA-Compatible" content="IE=edge">
7       <meta name="viewport" content="width=device-width, initial-scale=1">
8       <meta name="description" content="">
9       <meta name="author" content="">
10      <title>Clean Blog</title>
11      <!-- Bootstrap Core CSS -->
12      <link href="css/bootstrap.min.css" rel="stylesheet">
13      <!-- Custom CSS -->
14      <link href="css/clean-blog.min.css" rel="stylesheet">
15      <!-- Custom Fonts -->
16      <link href="http://maxcdn.bootstrapcdn.com/font-awesome/4.1.0/css/font-awesome.min.css" rel="stylesheet" type="text/css">
17      <link href="http://fonts.googleapis.com/css?family=Lora:400,700,400italic,700italic" rel="stylesheet" type="text/css">
18      <link href="http://fonts.googleapis.com/css?family=Open+Sans:300italic,400italic,600italic,700italic,800italic,400,300,600,700,800" rel="stylesheet" type="text/css">
```

LF UTF-8 HTML GitHub Git (0)

Wordpress Demo 5940 Help ▾

Wordpress 5.0.3 is available! Please update from [your Pantheon dashboard](#). For details on applying updates, see the [Applying Upstream Updates](#) documentation. If you need help, open a support chat on Pantheon.

Edit Themes

com5961: Main Index Template (index.php)

Select theme to edit: com5940 Select

Selected file content:

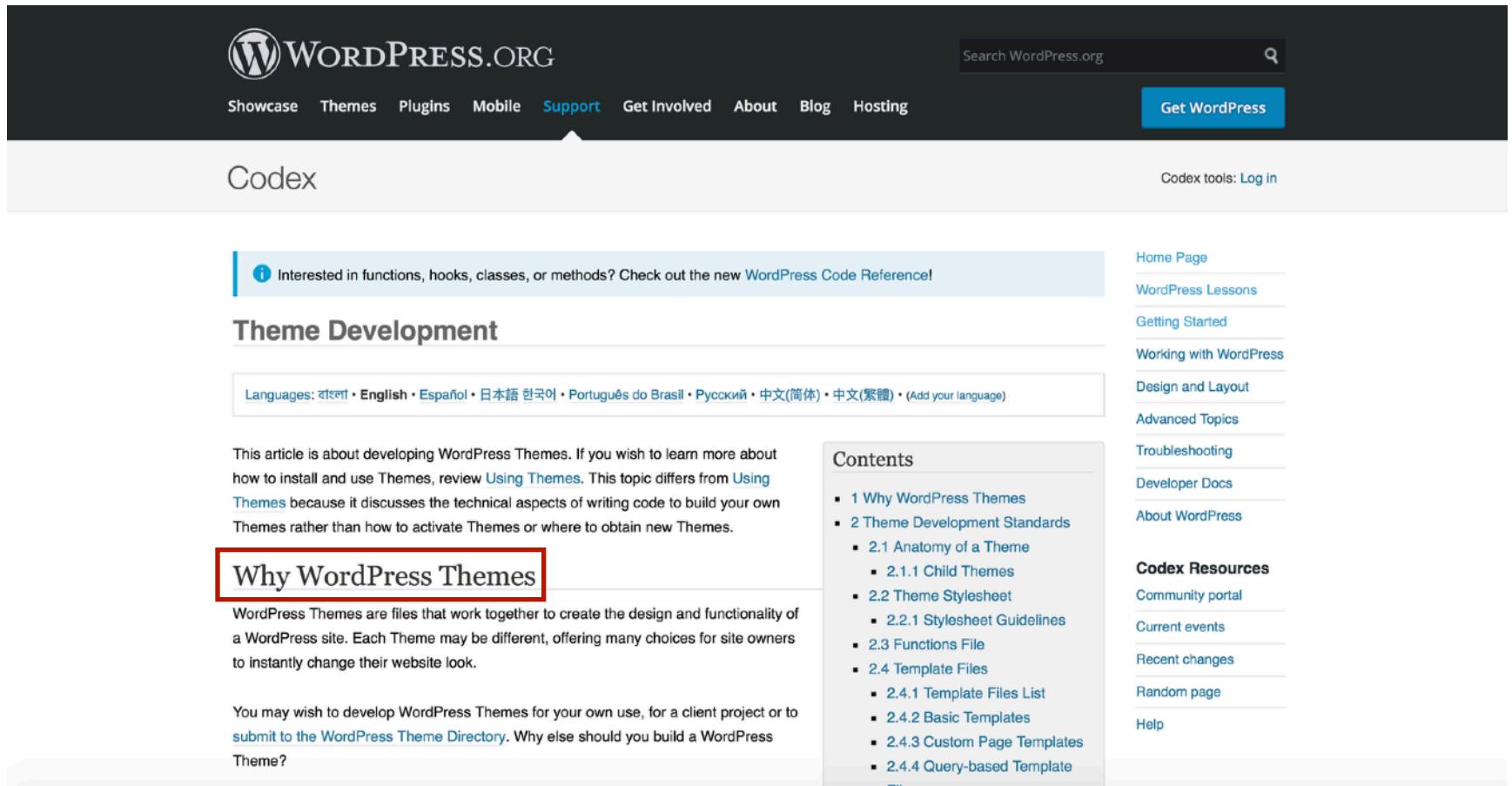
```
1 <!DOCTYPE html>
2 <html>
3
4     <head>
5         <meta charset="utf-8">
6         <meta http-equiv="X-UA-Compatible" content="IE=edge">
7         <meta name="viewport" content="width=device-width, initial-scale=1">
8         <meta name="description" content="">
9         <meta name="author" content="">
10        <title>Clean Blog</title>
11        <!-- Bootstrap Core CSS -->
12        <link href="css/bootstrap.min.css" rel="stylesheet">
13        <!-- Custom CSS -->
14        <link href="css/clean-blog.min.css" rel="stylesheet">
15        <!-- Custom Fonts -->
16        <link href="http://maxcdn.bootstrapcdn.com/font-awesome/4.1.0/css/font-awesome.min.css"
17        rel="stylesheet" type="text/css">
18        <link href="http://fonts.googleapis.com/css?family=Lora:400,700,400italic,700italic"
19        rel="stylesheet" type="text/css">
20        <link href="http://fonts.googleapis.com/css?family=Open+Sans:300italic,400italic,600italic,700italic,800italic,400,300,600,700,800"
21        rel="stylesheet" type="text/css">
22        <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media
23        queries -->
24        <!-- WARNING: Respond.js doesn't work if you view the page via file://
25        -->
26        <!--[if lt IE 9]>
27            <script src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>
28            <script src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></script>
29        <![endif]-->
30    </head>
31
32    <body>
```

Theme Files

- Stylesheet (style.css)
- Main Index Template (index.php)

Three Essential Elements in Theming a WP Site

https://codex.wordpress.org/Theme_Development



The screenshot shows the WordPress.org website with a dark header. The header includes the WordPress logo, navigation links for Showcase, Themes, Plugins, Mobile, Support, Get Involved, About, Blog, and Hosting, a search bar, and a 'Get WordPress' button. Below the header, the word 'Codex' is displayed. A sidebar on the right lists various Codex resources like Home Page, WordPress Lessons, Getting Started, etc. The main content area features a callout box about WordPress Code Reference, the title 'Theme Development', language options, and a detailed 'Contents' section for theme development standards.

WORDPRESS.ORG

Showcase Themes Plugins Mobile **Support** Get Involved About Blog Hosting

Search WordPress.org

Get WordPress

Codex

Codex tools: [Log in](#)

Interested in functions, hooks, classes, or methods? Check out the new [WordPress Code Reference!](#)

Theme Development

Languages: [রাষ্ট্রী](#) • English • Español • 日本語 한국어 • Português do Brasil • Русский • 中文(简体) • 中文(繁體) • (Add your language)

This article is about developing WordPress Themes. If you wish to learn more about how to install and use Themes, review [Using Themes](#). This topic differs from [Using Themes](#) because it discusses the technical aspects of writing code to build your own Themes rather than how to activate Themes or where to obtain new Themes.

Why WordPress Themes

WordPress Themes are files that work together to create the design and functionality of a WordPress site. Each Theme may be different, offering many choices for site owners to instantly change their website look.

You may wish to develop WordPress Themes for your own use, for a client project or to submit to the [WordPress Theme Directory](#). Why else should you build a WordPress Theme?

Contents

- [1 Why WordPress Themes](#)
- [2 Theme Development Standards](#)
 - [2.1 Anatomy of a Theme](#)
 - [2.1.1 Child Themes](#)
 - [2.2 Theme Stylesheet](#)
 - [2.2.1 Stylesheet Guidelines](#)
 - [2.3 Functions File](#)
 - [2.4 Template Files](#)
 - [2.4.1 Template Files List](#)
 - [2.4.2 Basic Templates](#)
 - [2.4.3 Custom Page Templates](#)
 - [2.4.4 Query-based Template Files](#)

Why WordPress Themes

WordPress Themes are files that work together to create the design and functionality of a WordPress site. Each Theme may be different, offering many choices for site owners to instantly change their website look.

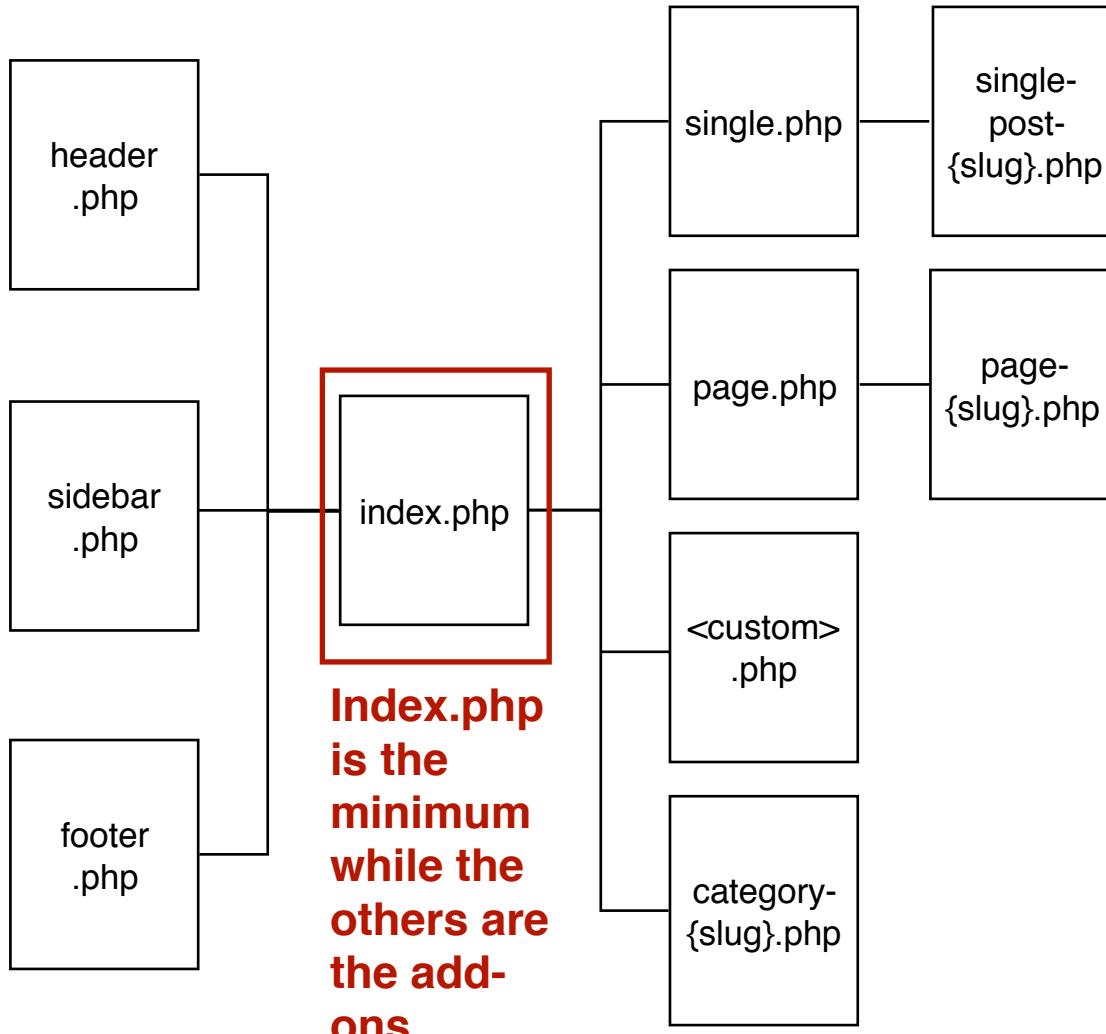
You may wish to develop WordPress Themes for your own use, for a client project or to submit to the WordPress Theme Directory. Why else should you build a WordPress Theme?

- ① **Templates**
- ② **Template Tags**
- ③ **WordPress Loop**
 - To create a unique look for your WordPress site.
 - To take advantage of templates, template tags, and the WordPress Loop to generate different website results and looks.
 - To provide alternative templates for specific site features, such as category pages and search result pages.
 - To quickly switch between two site layouts, or to take advantage of a Theme or style switcher to allow site owners to change the look of your site.

A WordPress Theme has many benefits, too.

Which template file to work on and why?

①



**Index.php
is the
minimum
while the
others are
the add-
ons.**

Wordpress 5.0.3 is available! Please update from [your Pantheon dashboard](#). For details on applying updates, see the [Applying Upstream Updates](#) documentation. If you need help, open a support chat on Pantheon.

Add Plugins [Upload Plugin](#)

Search Results Featured Popular Recommended Favorites

Keyword 3,799 items 1 of 127

which template file Active [More Details](#)

Show the name of the PHP file of your theme used to display the current page. By [Gilles Dumas](#)

5 stars (2) Last Updated: 1 year ago 1,000+ Active Installations Untested with your version of WordPress

Which Template Am I [Install Now](#) [More Details](#)

This plugin will display the name of the WordPress Template in use for the current page at in the footer. It only shows for logged in administrators. By [Neil Gee](#)

5 stars (1) Last Updated: 1 year ago 100+ Active Installations Untested with your version of WordPress

Shortcodes Ultimate [Install Now](#) [More Details](#)

A comprehensive collection of visual components for your site. By [Vladimir Anokhin](#)

5 stars (4,774) Last Updated: 1 month ago 800,000+ Active Installations ✓ Compatible with your version of WordPress

Events Manager [Install Now](#) [More Details](#)

Fully featured event registration management including recurring events, locations management, calendar, Google map integration, booking management. By [Marcus Sykes](#)

5 stars (200) Last Updated: 1 month ago

FooGallery – Image Gallery WordPress Plugin [Install Now](#) [More Details](#)

Why choose FooGallery? Stunning gallery layouts, responsive, retina-ready, lightning fast, easy to use. Gutenberg Ready! By [FooPlugins](#)

5 stars (2) Last Updated: 5 months ago 800+ Active Installations Untested with your version of WordPress

Filter Page by Template [Install Now](#) [More Details](#)

See list of pages or any type of posts by filtering based on used template.... By [oneTarek](#)

5 stars (2) Last Updated: 5 months ago

Install this plug-in to track template execution priority (i.e. hierarchy)



Which template tag to use and why?

②

If you need help, open a support chat on Pantheon.

Edit Themes

com5961: Main Index Template (index.php)

Select theme to edit: com5940 Select

Selected file content:

```
1 <!DOCTYPE html>
2 <html>
3
4     <head>          blog_info("template_url") template tag
5         <meta charset="utf-8">
6         <meta http-equiv="X-UA-Compatible" content="IE=edge">
7         <meta name="viewport" content="width=device-width, initial-scale=1">
8         <meta name="description" content="">
9         <meta name="author" content="">
10        <title>Clean Blog</title>
11        <!-- Bootstrap Core CSS -->
12        <link href="php bloginfo("template_url") ?&gt;/css/bootstrap.min.css"
13             rel="stylesheet"&gt;
14            &lt;!-- Custom CSS --&gt;
15            &lt;link href="css/clean-blog.min.css" rel="stylesheet"&gt;
16            &lt;!-- Custom Fonts --&gt;
17            &lt;link href="http://maxcdn.bootstrapcdn.com/font-</pre
```



Theme Files

Stylesheet
(style.css)

Main Index Template
(index.php)

The `blog_info("template_url")` template tag is a php function that returns the directory location of the template files

```
<!DOCTYPE html>
<html>

    <head>
        <meta charset="utf-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <meta name="description" content="">
        <meta name="author" content="">
        <title>Clean Blog</title>
        <!-- Bootstrap Core CSS -->
        <link href="http://dev-demo5940.pantheonsite.io/wp-content/themes/com5961/css/bootstrap.min.css"
rel="stylesheet">
        <!-- Custom CSS -->
        <link href="css/clean-blog.min.css" rel="stylesheet">
        <!-- Custom Fonts -->
        <link href="http://maxcdn.bootstrapcdn.com/font-awesome/4.1.0/css/font-awesome.min.css"
rel="stylesheet" type="text/css">
        <link href="http://fonts.googleapis.com/css?family=Lora:400,700,400italic,700italic"
rel="stylesheet" type="text/css">
        <link href="http://fonts.googleapis.com/css?
family=Open+Sans:300italic,400italic,600italic,700italic,800italic,400,300,600,700,800"
rel="stylesheet" type="text/css">
        <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media
queries -->
        <!-- WARNING: Respond.js doesn't work if you view the page via file://
-->
        <!--[if lt IE 9]>
            <script src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>
            <script src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></script>
        <![endif]-->
    </head>
```

demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222 - FileZilla

Host: Username: Password: Port: Quickconnect

Status: Receiving directory listing of /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5940 ...
Status: Listing directory /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5940
Status: Directory listing of "/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5940" successful
Status: Disconnected from server

Local site: /Users/yssuen/Desktop/

Remote site: /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5961

Filesize Filetype Last modified Permissions Owner/Group

Filename	Filesize	Filetype	Last modified	Permissions	Owner/Group
..					
index.php	9824	PHP	01/11/19 15:2...	-rw-r--r--	556166c ...
screenshot.png	196828	png-file	01/11/19 20:2...	-rw-r--r--	556166c ...
style.css	0	CSS	01/11/19 15:0...	-rw-r--r--	556166c ...

In order for index.php to locate all the css, js and asset files, the other folders and resources have to be uploaded as well.

Selected 1 file. Total size: 363833 bytes

Server/Local file Direction Remote file Size Priority Status

sftp://dev.cd8a837b-a...

Queued files (1) Failed transfers Successful transfers (3)

demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222 - FileZilla

Host: Username: Password: Quickconnect

Status: File transfer successful, transferred 0 bytes in 1 second
 Status: Retrieving directory listing of "/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5940..."
 Status: Listing directory /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5940
 Status: Directory listing of "/srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5940" successful

demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222 demo 5940 - sftp://dev.cd8a837b-a60b-4809-907c-ffa98b988709@appserver.dev.cd8a837b-a60b-4809-907c-ffa98b988709.drush.in:2222

Local site: /Users/yssuen/Desktop/Demo Templates/startbootstrap-clean-blog-1.0.4/ **Remote site:** /srv/bindings/556166c792ee434598e3059737ab0977/code/wp-content/themes/com5961

Filename	Filesize	Filetype	Last modified	Permissions	Owner/Group
..		Directory	01/11/19 14:22:20	drwxr-xr-x	556166c ...
css		Directory	08/01/16 14:22:20	drwxr-xr-x	556166c ...
fonts		Directory	08/01/16 14:22:20	drwxr-xr-x	556166c ...
img		Directory	08/01/16 14:22:20	drwxr-xr-x	556166c ...
js		Directory	08/01/16 14:22:20	drwxr-xr-x	556166c ...
less		Directory	08/01/16 14:22:20	drwxr-xr-x	556166c ...
mail		Directory	08/01/16 14:22:20	drwxr-xr-x	556166c ...
footer.php	2077	PHP	01/12/19 10:51:20	-rw-r--r--	556166c ...
functions.php	0	PHP	01/12/19 12:41:10	-rw-r--r--	556166c ...
header.php	3180	PHP	01/12/19 10:51:20	-rw-r--r--	556166c ...
index.php	3000	PHP	01/12/19 12:10:10	-rw-r--r--	556166c ...
screenshot.png	196828	png-file	01/11/19 20:21:10	-rw-r--r--	556166c ...
sidebar.php	0	PHP	01/12/19 07:51:10	-rw-r--r--	556166c ...
style.css	0	CSS	01/11/19 15:01:10	-rw-r--r--	556166c ...

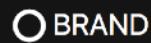
7 files and 6 directories. Total size: 53433 bytes

Server/Local file | Direction | Remote file | Size | Priority | Status

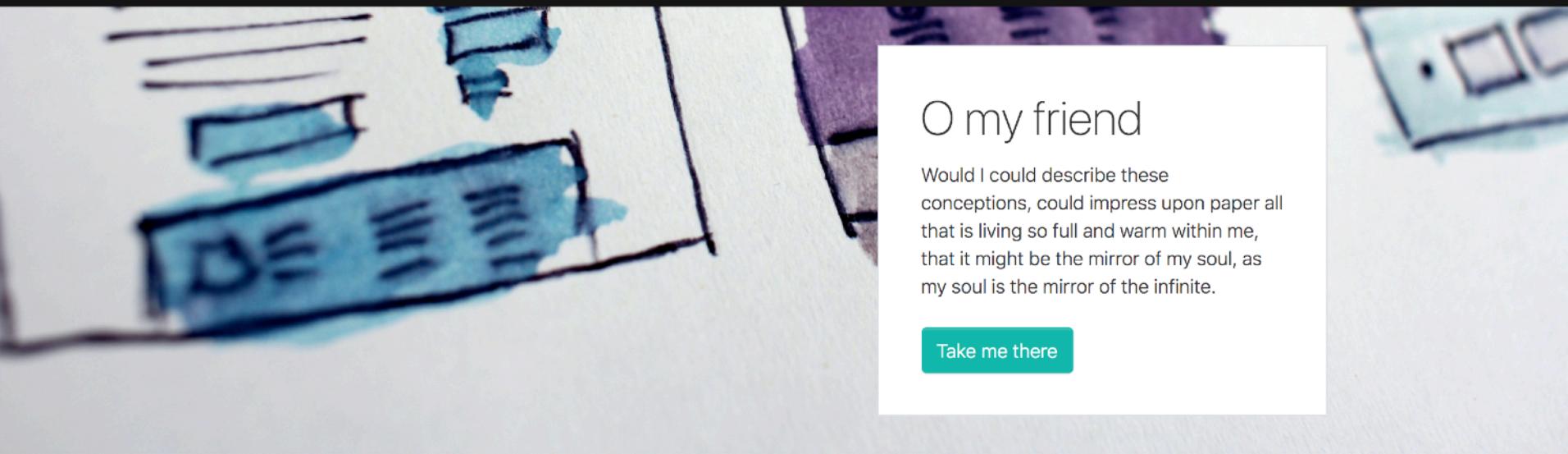
sftp://dev.cd8a837b-a..

Queued files (5) Failed transfers Successful transfers (28)

Queue: 276.7 KIB



Home Sample Page



O my friend

Would I could describe these
conceptions, could impress upon paper all
that is living so full and warm within me,
that it might be the mirror of my soul, as
my soul is the mirror of the infinite.

[Take me there](#)

Second Post

Be happy. Stay calm.

Hello world!

The WordPress Loop

③

The World's Simplest Index Page

The following is a functional index file (index.php), which displays the contents (and only the contents) of each post, according to the conditions used to prepare The Loop. This example demonstrates how little is actually necessary for the functioning of The Loop.

```
<?php  
get_header();  
if (have_posts()) :  
    while (have_posts()) :  
        the_post();  
        the_content();  
    endwhile;  
endif;  
get_sidebar();  
get_footer();  
?>
```

Fetch header info

while ... endwhile marks the beginning and end of the “Loop” in processing post content

Fetch sidebar and footer info

The Default Loop

The following is a step-by-step look at the default usage of the Loop that comes with the *default* and *classic* theme in the standard installation of WordPress v1.5.

Begin The Loop

Found at the top of the default index.php template file is the starting code for [The Loop](#).

```
<?php if (have_posts()) : ?>  
<?php while (have_posts()) : the_post(); ?>
```

1. First, it checks whether any posts were discovered with the `have_posts()` function.
2. If there were any posts, a PHP `while` loop is started. A `while` loop will continue to execute as long as the condition in the parenthesis is logically true. So, as long as the function `have_posts()` returns a true value, the `while` loop will keep looping (repeating).

Template Tags

- `get_header()`
- `have_posts()`
- `the_post()`
- `the_content()`
- `get_sidebar()`
- `get_footer()`

https://codex.wordpress.org/The_Loop_in_Action

For simplicity in explanation, we'll temporarily ignore `sidebar.php` for now.

```
<?php
get_header();
if (have_posts()) :
    while (have_posts()) :
        the_post();
        the_content();
    endwhile;
endif;
get_footer();
?>
```

Fetch header info

Fetch footer info

Source: https://codex.wordpress.org/The_Loop_in_Action

Where are header and footer?

header.php

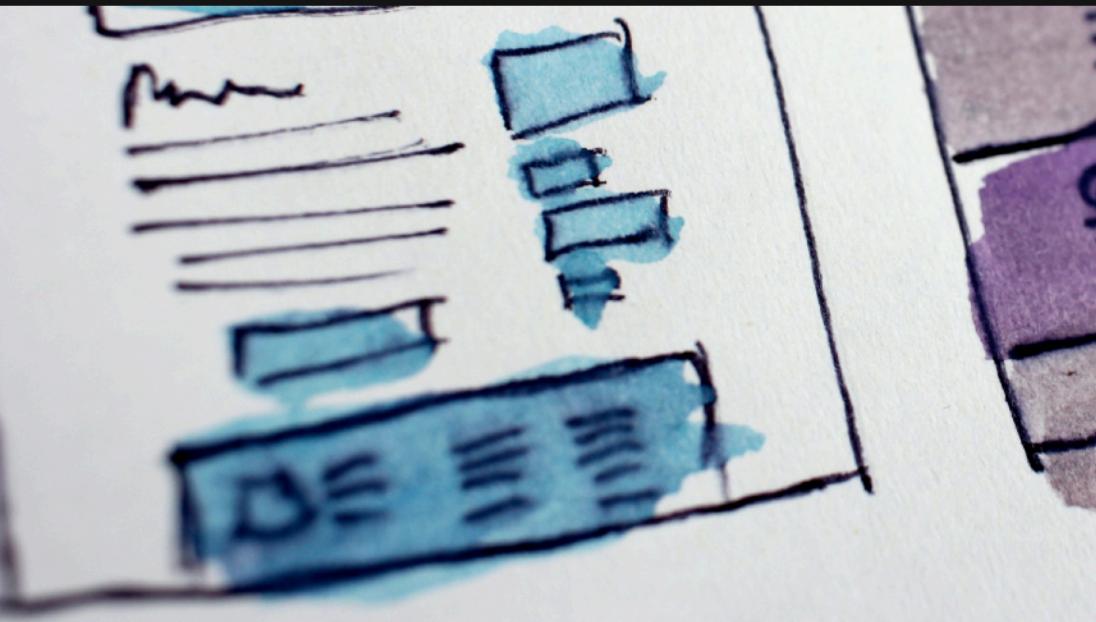
footer.php



Why additional templates (e.g. header.php) if we already have index.php?



[Home](#) [Sample Page](#)



O my friend

Would I could describe these conceptions,
could impress upon paper all that is living so
full and warm within me, that it might be the
mirror of my soul, as my soul is the mirror of
the infinite.

[Take me there](#)

Wordpress Demo 5940 Howdy, admin Help ▾

Dashboard Posts Media Pages Comments Appearance Themes Customize Editor Plugins Users Tools Settings Pods Admin Collapse menu

WordPress 5.0.3 is available! Please update from [your Pantheon dashboard](#). For details on applying updates, see the [Applying Upstream Updates](#) documentation. If you need help, open a support chat on Pantheon.

Edit Themes

com59461: Main Index Template (index.php)

Selected file content:

```
1 <!DOCTYPE html>
2 <html>
3
4     <head>
5         <meta charset="utf-8">
6         <meta http-equiv="X-UA-Compatible" content="IE=edge">
7         <meta name="viewport" content="width=device-width, initial-scale=1">
8         <meta name="description" content="">
9         <meta name="author" content="">
10        <title>Clean Blog</title>
11        <!-- Bootstrap Core CSS -->
12        <link href=<?php bloginfo("template_url") ?>/css/bootstrap.min.css" rel="stylesheet">
13        <!-- Custom CSS -->
14        <link href=<?php bloginfo("template_url") ?>/css/clean-blog.min.css" rel="stylesheet">
15        <!-- Custom Fonts -->
16        <link href="http://maxcdn.bootstrapcdn.com/font-awesome/4.1.0/css/font-awesome.min.css" rel="stylesheet" type="text/css">
17        <link href="http://fonts.googleapis.com/css?family=Lora:400,700,400italic,700italic" rel="stylesheet" type="text/css">
18        <link href="http://fonts.googleapis.com/css?family=Open+Sans:300italic,400italic,600italic,700italic,800italic,400,300,600,700,800" rel="stylesheet" type="text/css">
19        <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->
20        <!-- WARNING: Respond.js doesn't work if you view the page via file://-->
21        <!--[if lt IE 9]>
22            <script src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>
23            <script src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></script>
24        <![endif]-->
25    </head>
26
27    <body>
```

Move the repetitive head section and navigation bar into the header.php file.

Select theme to edit: com59461 Select

Theme Files

- Stylesheet (style.css) [css](#)
- about.html [js](#)
- less [less](#)
- Theme Footer (footer.php)
- Theme Header (header.php)
- Main Index Template (index.php) [mail](#) [Sidebar](#) (sidebar.php) [fonts](#)

Wordpress Demo 5940 Home 0 New Help ▾

Howdy, admin

Dashboard Posts Media Pages Comments Appearance Themes Customize Editor Plugins Users Tools Settings Pods Admin Collapse menu

WordPress 5.0.3 is available! Please update from [your Pantheon dashboard](#). For details on applying updates, see the [Applying Upstream Updates](#) documentation. If you need help, open a support chat on Pantheon.

Edit Themes

com5961: Main Index Template (index.php)

Select theme to edit: com5940 Select

Selected file content:

```
41 <span class="icon-bar"></span>
42 <span class="icon-bar"></span>
43 </button>
44 <a class="navbar-brand" href="index.html">Start Bootstrap</a>
45 </div>
46 <!-- Collect the nav links, forms, and other content for toggling -->
47 <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
48   <ul class="nav navbar-nav navbar-right">
49     <li>
50       <a href="index.html">Home</a>
51     </li>
52     <li>
53       <a href="about.html">About</a>
54     </li>
55     <li>
56       <a href="post.html">Sample Post</a>
57     </li>
58     <li>
59       <a href="contact.html">Contact</a>
60     </li>
61   </ul>
62 </div>
63 <!-- /.navbar-collapse -->
64 </div>
65 <!-- /.container -->
66 </nav>
67 <!-- Page Header -->
68 <!-- Set your background image for this header on the line below. -->
69 <header class="intro-header" style="background-image: url('<?php bloginfo("template_url") ?>/img/home-bg.jpg')">
70   <div class="container">
71     <div class="row">
72       <div class="col-lg-8 col-lg-offset-2 col-md-10 col-md-offset-1">
73         <div class="site-heading">
```

Theme Files

- Stylesheet (style.css)
- css ▶
- about.html
- js ▶
- less ▶
- Theme Footer (footer.php)
- Theme Header (header.php)
- Main Index Template (index.php) Main Index Template (index.php)
- mail ▶
- Sidebar (sidebar.php)
- fonts ▶

Word Demo 5940 1 0 + New Howdy, admin Help ▾

Dashboard Posts Media Pages Comments Appearance Themes Customize Editor Plugins Users Tools Settings Pods Admin Collapse menu

WordWordPress 5.0.3 is available! Please update from your Pantheon dashboard.

For details on applying updates, see the [Applying Upstream Updates](#) documentation. If you need help, open a support chat on Pantheon.

Edit Themes

com5961: Main Index Template (index.php)

Selected file content:

```
1 <?php get_header() ?>
2     <!-- Page Header -->
3     <!-- Set your background image for this header on the line below. -->
4     <header class="intro-header" style="background-image: url('<?php
bloginfo("template_url") ?>/img/home-bg.jpg')">
5         <div class="container">
6             <div class="row">
7                 <div class="col-lg-8 col-lg-offset-2 col-md-10 col-md-offset-
1">
8                     <div class="site-heading">
9                         <h1>Clean Blog</h1>
10                        <hr class="small">
11                        <span class="subheading">A Clean Blog Theme by Start
Bootstrap</span>
12                            </div>
13                        </div>
14                    </div>
```

Substitute the emptied out area with the get_header() template tag.

Select

Stylesheet (style.css)
css ▶
about.html
js ▶
less ▶
Theme Footer (footer.php)
Theme Header (header.php)
Main Index Template (index.php)
mail ▶

- Dashboard
- Posts
- Media
- Pages
- Comments
- Appearance**
- Themes
- Customize
- Editor**
- Plugins
- Users
- Tools
- Settings
- Pods Admin
- Collapse menu

WordPress 5.0.3 is available! Please update from [your Pantheon dashboard](#).

For details on applying updates, see the [Applying Upstream Updates](#) documentation.
If you need help, open a support chat on Pantheon.

Edit Themes

com5961: Theme Header (header.php)

Selected file content:

1 |

Open the header.php file and prepare to paste the copied codes into the blank page.

Select

(style.css)

css ▶

about.html

js ▶

less ▶

Theme Footer
(footer.php)

**Theme Header
(header.php)**

Main Index Template
(index.php)

mail ▶

Dashboard

Posts

Media

Pages

Comments

Appearance

Themes

Customize

Editor

Plugins

Users

Tools

Settings

Pods Admin

Collapse menu

WordPress 5.0.3 is available! Please update from [your Pantheon dashboard](#).

For details on applying updates, see the [Applying Upstream Updates](#) documentation.
If you need help, open a support chat on Pantheon.

Edit Themes

com5961: Theme Header (header.php)

Selected file content:

```
1 <!DOCTYPE html>
2 <html>
3
4     <head>
5         <meta charset="utf-8">
6         <meta http-equiv="X-UA-Compatible" content="IE=edge">
7         <meta name="viewport" content="width=device-width, initial-scale=1">
8         <meta name="description" content="">
9         <meta name="author" content="">
10        <title>Clean Blog</title>
11        <!-- Bootstrap Core CSS -->
12        <link href="php bloginfo( "template_url" ) ?&gt;/css/bootstrap.min.css"
13             rel="stylesheet"&gt;
14            &lt;!-- Custom CSS --&gt;
15            &lt;link href="<?php bloginfo( "template_url" ) ?&gt;/css/clean-blog.min.css"
rel="stylesheet"&gt;
16              &lt;!-- Custom Fonts --&gt;</pre
```

Paste the head section and nav bar codes into the header.php file.

Stylesheet

(style.css)

css ▶

about.html

js ▶

less ▶

Theme Footer

(footer.php)

Theme Header

(header.php)

Main Index Template

(index.php)

mail ▶

Help ▾

Select

Do the same to the footer.php

Wordpress Demo 5940

Howdy, admin Help ▾

Dashboard Posts Media Pages Comments Appearance Themes Customize Editor Plugins Users Tools Settings Pods Admin Collapse menu

WordPress 5.0.3 is available! Please update from [your Pantheon dashboard](#). For details on applying updates, see the [Applying Upstream Updates](#) documentation. If you need help, open a support chat on Pantheon.

Edit Themes

com5961: Main Index Template (index.php)

Select theme to edit: com5940 Select

Selected file content:

```
113 </li>
114 <li>
115 <a href="#">
116 <span class="fa-stack fa-lg">
117 <i class="fa fa-circle fa-stack-2x"></i>
118 <i class="fa fa-facebook fa-stack-1x fa-inverse"></i>
119 </span>
120 </a>
121 </li>
122 <li>
123 <a href="#">
124 <span class="fa-stack fa-lg">
125 <i class="fa fa-circle fa-stack-2x"></i>
126 <i class="fa fa-github fa-stack-1x fa-inverse"></i>
127 </span>
128 </a>
129 </li>
130 </ul>
131 <p class="copyright text-muted">Copyright © Your Website 2014</p>
132 </div>
133 </div>
134 </div>
135 </footer>
136 <!-- jQuery -->
137 <script src="php bloginfo('template_url') ?&gt;/js/jquery.js"&gt;&lt;/script&gt;
138 &lt;!-- Bootstrap Core JavaScript --&gt;
139 &lt;script src="<?php bloginfo('template_url') ?&gt;/js/bootstrap.min.js"&gt;&lt;/script&gt;
140 &lt;!-- Custom Theme JavaScript --&gt;
141 &lt;script src="<?php bloginfo('template_url') ?&gt;/js/clean-blog.min.js"&gt;&lt;/script&gt;
142 &lt;/body&gt;
143
144 &lt;/html&gt;</pre

Theme Files



- Stylesheet (style.css)
- css ▶
- about.html
- js ▶
- less ▶
- Theme Footer (footer.php)
- Theme Header (header.php)
- Main Index Template (index.php)
- mail ▶
- Sidebar (sidebar.php)
- fonts ▶

```

Wordpress Demo 5940 Help ▾

Dashboard Posts Media Pages Comments Appearance Themes Customize Editor Plugins Users Tools Settings Pods Admin Collapse menu

WordPress 5.0.3 is available! Please update from [your Pantheon dashboard](#). For details on applying updates, see the [Applying Upstream Updates](#) documentation. If you need help, open a support chat on Pantheon.

Edit Themes

com5961: Theme Footer (footer.php)

Selected file content:

```
1 | 
```

Select theme to edit: com5940 Select

Theme Files

- Stylesheet (style.css)
 - css ►
 - about.html
 - js ►
 - less ►
- Theme Footer (footer.php) **(highlighted)**
- Theme Header (header.php)
- Main Index Template (index.php)
 - mail ►
 - Sidebar (sidebar.php)
 - fonts ►

Word Demo 5940 1 0 + New Howdy, admin Help ▾

Dashboard Posts Media Pages Comments Appearance Themes Customize Editor Plugins Users Tools Settings Pods Admin Collapse menu

WordPress 5.0.3 is available! Please update from [your Pantheon dashboard](#). For details on applying updates, see the [Applying Upstream Updates](#) documentation. If you need help, open a support chat on Pantheon.

Edit Themes

com5961: Theme Footer (footer.php)

Selected file content:

```
14          </li>
15          <li>
16              <a href="#">
17                  <span class="fa-stack fa-lg">
18                      <i class="fa fa-circle fa-stack-2x"></i>
19                      <i class="fa fa-facebook fa-stack-1x fa-inverse"></i>
20                  </span>
21              </a>
22          </li>
23          <li>
24              <a href="#">
25                  <span class="fa-stack fa-lg">
26                      <i class="fa fa-circle fa-stack-2x"></i>
27                      <i class="fa fa-github fa-stack-1x fa-inverse"></i>
28                  </span>
29              </a>
30          </li>
31      <ul>
32          <p class="copyright text-muted">Copyright © Your Website 2014</p>
33      </ul>
34  </div>
35  </div>
36</footer>
37<!-- jQuery -->
38<script src="php bloginfo('template_url') ?&gt;/js/jquery.js"&gt;&lt;/script&gt;
39&lt;!-- Bootstrap Core JavaScript --&gt;
40&lt;script src="<?php bloginfo('template_url') ?&gt;/js/bootstrap.min.js"&gt;&lt;/script&gt;
41&lt;!-- Custom Theme JavaScript --&gt;
42&lt;script src="<?php bloginfo('template_url') ?&gt;/js/clean-blog.min.js"&gt;&lt;/script&gt;
43&lt;/body&gt;
44
45&lt;/html&gt;</pre

Select theme to edit: com5961 Select



### Theme Files

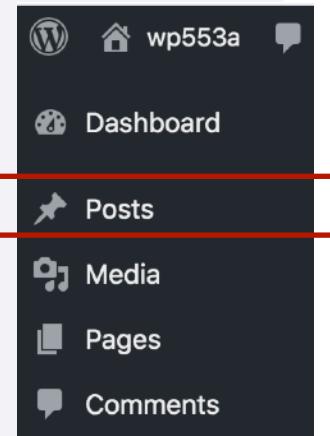


- Stylesheet (style.css)
- css ►
- about.html
- js ►
- less ►
- Theme Footer (footer.php) Selected
- Theme Header (header.php)
- Main Index Template (index.php)
- mail ►
- Sidebar (sidebar.php)
- fonts ►

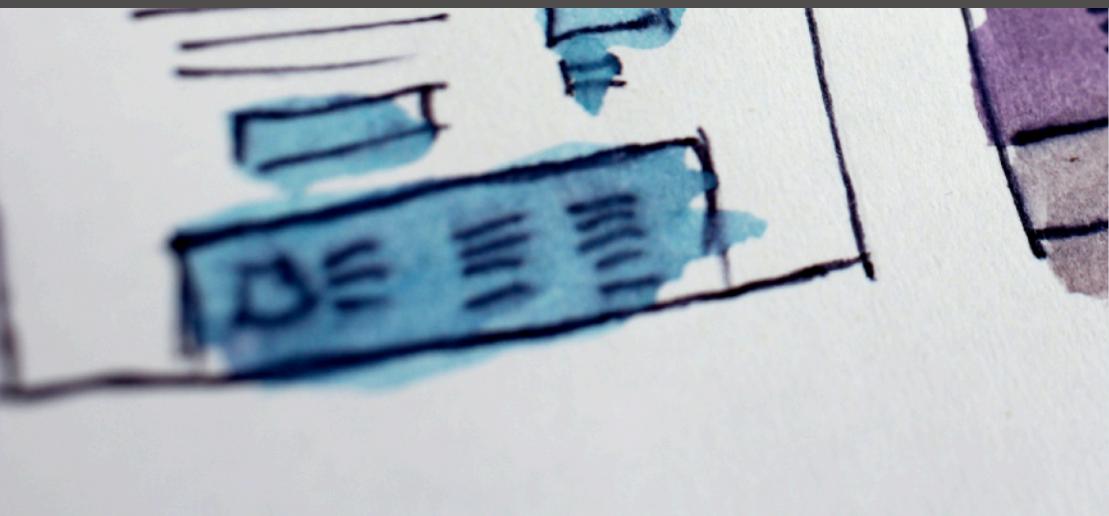
```

```
<?php
get_header();
if (have_posts()) :
    while (have_posts()) :
        the_post();
        the_content();
    endwhile;
endif;
get_footer();
?>
```

Insert the looping codes into the index.php template to display all the “post” data. The “page” data will be handled separately.



Source: https://codex.wordpress.org/The_Loop_in_Action



Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

Would I could describe these conceptions,
could impress upon paper all that is living so
full and warm within me, that it might be the
mirror of my soul, as my soul is the mirror of
the infinite.

[Take me there](#)

**Show the only post that
was entered.**



Loop Through the Post Content

```
4     <div class="row">
5         <div class="p-4 bg-white ml-auto col-md-5 border" style="margin:40px 0 40px 0;">
6             <h1>0 my friend</h1>
7             <p class="mb-3">Would I could describe these conceptions, could impress upon paper all
8             </div>
9         </div>
10    </div>
11 </div>
12 <div class="py-5">
13 <div class="container">
14 <?php
15 if (have_posts()) :
16     while (have_posts()) :
17         the_post(); ?>
18         <?php the_content();
19     endwhile;
20     endif; ?>
21 </div>
22 </div>
23 <?php wp_footer(); ?>
24 <?php get_footer() ?>
```

The **while** loop display
each post at a time.

wp553b 0 + New View Post Howdy, admin

Dashboard Help ▾

Edit Post [Add New](#)

Screen Options ▾

Second Post

Permalink: http://localhost/wp_553b/2020/11/18/second-post/ [Edit](#)

[Add Media](#)

Visual Text

Paragraph B I

Be happy. Stay calm.

Add a second post.

Word count: 4 Last edited by admin on November 18, 2020 at 6:27 am

Publish

Preview Changes

Status: Published [Edit](#)

Visibility: Public [Edit](#)

Published on: Nov 18, 2020 at 06:27 [Edit](#)

[Move to Trash](#) [Update](#)

Categories

All Categories [Most Used](#)

Uncategorized

[+ Add New Category](#)

Tags

[Add](#)



could impress upon paper all that is living so full and warm within me, that it might be the mirror of my soul, as my soul is the mirror of the infinite.

[Take me there](#)

Be happy. Stay calm.

Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

Show both posts in the loop.



Add Title

```
4     <div class="row">
5         <div class="p-4 bg-white ml-auto col-md-5 border" style="margin:40px 0 40px 0;">
6             <h1>0 my friend</h1>
7             <p class="mb-3">Would I could describe these conceptions, could impress upon paper all
8                 </div>
9             </div>
10        </div>
11    </div>
12    <div class="py-5">
13        <div class="container">
14            <?php
15                if (have_posts()) :
16                    while (have_posts()) :
17                        the_post(); ?>
18                            <?php the_content();
19                        endwhile;
20                    endif; ?>
21            </div>
22        </div>
23        <?php wp_footer(); ?>
24    <?php get_footer() ?>
```

The original while loop
displaying each post at
a time without the title.

```
4      <div class="row">
5          <div class="p-4 bg-white ml-auto col-md-5 border" style="margin:40px 0 40px 0;">
6              <h1>0 my friend</h1>
7              <p class="mb-3">Would I could describe these conceptions, could impress upon paper all
8                  </div>
9          </div>
10     </div>
11 </div>
12 <div class="py-5">
13 <div class="container">
14     <?php
15     if (have_posts()) :
16         while (have_posts()) :
17             the_post(); ?>
18             <h1><?php the_title(); ?></h1>
19             <?php the_content();
20         endwhile;
21     endif; ?>
22     </div>
23     </div>
24     <?php wp_footer(); ?>
25 <?php get_footer() ?>
```

The original while loop displaying each post at a time with the title template tag showing the title as **<h1>**.

[Take me there](#)

Second Post

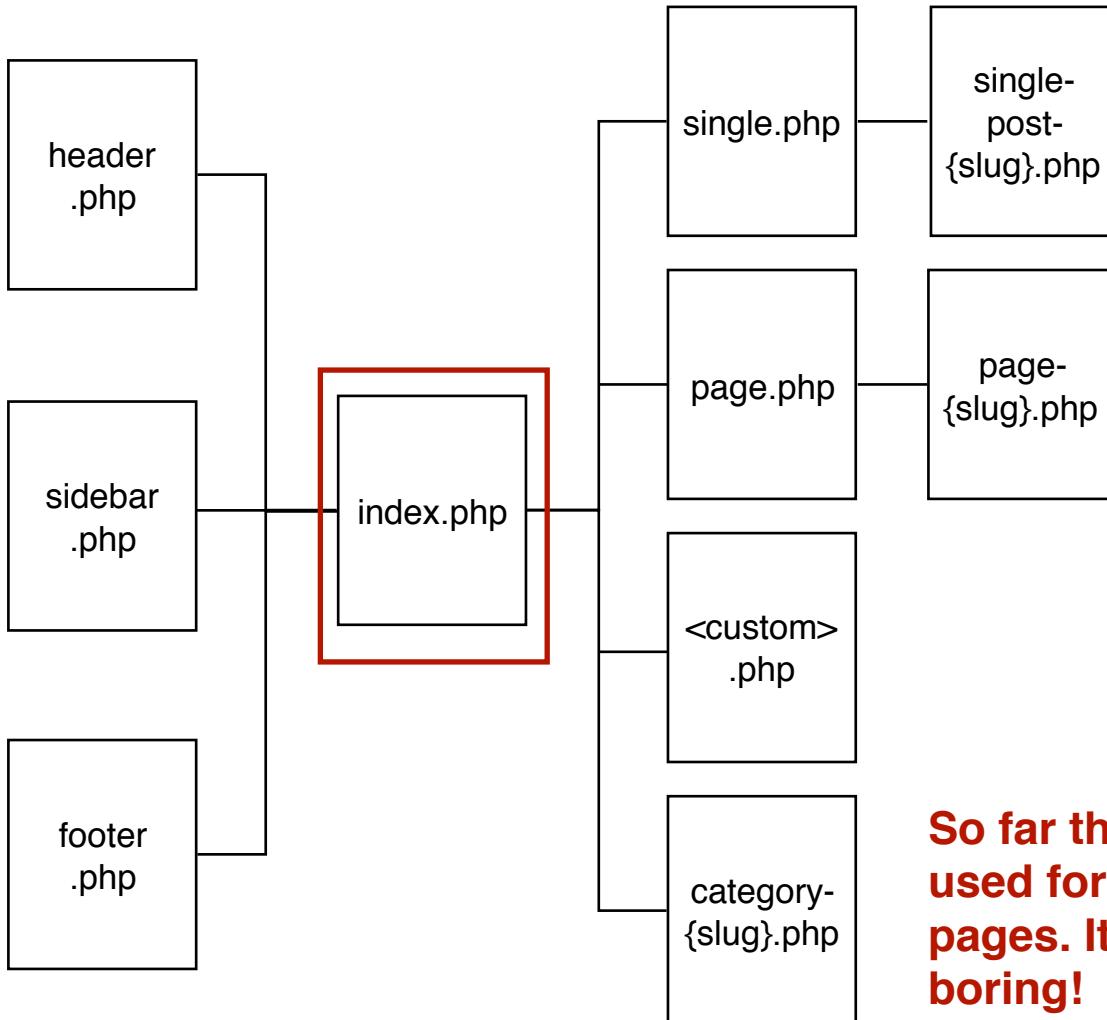
Be happy. Stay calm.

Hello world!

Welcome to WordPress. This is your [first post](#). Edit or delete [it](#), then start writing!

Loop





So far the index.php is used for all posts and pages. It would be too boring!

**Handling single post with
separate template.**

Setup `single.php` (Post Template)

Wordpress Demo 5940 1 0 + New

Howdy, admin

Dashboard Posts Media Pages Comments Appearance Themes Customize Editor Plugins Users Tools Settings Pods Admin Collapse menu

WordPress 5.0.3 is available! Please update from [your Pantheon dashboard](#). For details on applying updates, see the [Applying Upstream Updates](#) documentation. If you need help, open a support chat on Pantheon.

Edit Themes

com5961: Main Index Template (index.php)

Select theme to edit: com5940 Select

Selected file content:

```
36         </div>
37     </div>
38     </div>
39     <div class="row">
40         <div class="col-lg-8 col-lg-offset-2 col-md-10 col-md-offset-1">
41             <?php if (have_posts()) :
42             while (have_posts()) :
43                 the_post(); ?>
44                 <div class="post-preview">
45                     <a href="php the_permalink(); ?&gt;"&gt;&lt;h2 class="post-title"&gt;&lt;?php the_title(); ?&gt;&lt;/h2&gt;
46                     &lt;h3 class="post-subtitle"&gt;
47                         &lt;?php the_excerpt(); ?&gt;
48                     &lt;/h3&gt;
49                     &lt;/a&gt;
50                     &lt;p class="post-meta"&gt;Posted by
51                         &lt;a href="<?php echo get_author_posts_url(get_the_author_meta('ID')) ; ?&gt;"&gt;&lt;?php the_author(); ?&gt;&lt;/a&gt; on &lt;?php the_date(); ?&gt;
52                     &lt;/div&gt;
53                     &lt;hr&gt;
54                     &lt;?php endwhile;
55                     endif; ?&gt;
56
57                     &lt;!-- Pager --&gt;
58                     &lt;ul class="pager"&gt;
59                         &lt;li class="next"&gt;
60                             &lt;a href="#"&gt;Older Posts &lt;/a&gt;
61                         &lt;/li&gt;
62                     &lt;/ul&gt;
63                 &lt;/div&gt;
64             &lt;/div&gt;
65             &lt;hr&gt;
66 &lt;?php get_footer(); ?&gt;</pre

Theme Files



- Stylesheet (style.css)
- Theme Functions (functions.php)
- css ▶
- about.html
- js ▶
- less ▶
- Theme Footer (footer.php)
- Theme Header (header.php)
- Main Index Template (index.php) Main Index Template (index.php)
- mail ▶
- Single Page (page.php)
- Sidebar (sidebar.php)
- Single Post (single.php)
- fonts ▶



Select and copy the entire index.php file.


```

Wordpress Demo 5940 Help

WordPress 5.0.3 is available! Please update from [your Pantheon dashboard](#). For details on applying updates, see the [Applying Upstream Updates](#) documentation. If you need help, open a support chat on Pantheon.

Edit Themes

com5961: Single Post (single.php)

Select theme to edit: com5940 Select

Selected file content:

```
1
```

Open single.php.

Theme Files

- Stylesheet (style.css)
- Theme Functions (functions.php)
 - css ► about.html
 - js ► less ►
- Theme Footer (footer.php)
- Theme Header (header.php)
- Main Index Template (index.php)
 - mail ►
 - Single Page (page.php)
 - Sidebar (sidebar.php)
- Single Post (single.php)
- fonts ►

Wordpress 5.0.3 is available! Please update from [your Pantheon dashboard](#).
For details on applying updates, see the [Applying Upstream Updates](#) documentation.
If you need help, open a support chat on Pantheon.

Edit Themes

com5961: Single Post (single.php)

Selected file content:

```
1 <?php get_header(); ?>
2     <!-- Page Header -->
3     <!-- Set your background image for this header on the line below. -->
4     <header class="intro-header" style="background-image: url('<?php bloginfo("template_url") ?>/img/home-bg.jpg')">
5         <div class="container">
6             <div class="row">
7                 <div class="col-lg-8 col-lg-offset-2 col-md-10 col-md-offset-1">
8                     <div class="site-heading">
9                         <h1>Clean Blog</h1>
10                        <hr class="small">
11                        <span class="subheading">A Clean Blog Theme by Start Bootstrap</span>
12                    </div>
13                </div>
14            </div>
15        </header>
16        <!-- Main Content -->
17        <div class="container">
18            <div class="row">
19                <div class="col-md-12">
20                    <div class="container">
21                        <div class="row">
22                            <div class="col-md-4">
23                                
24                            <div class="col-md-4">
25                                
26                            <div class="col-md-4">
27                                
28                            </div>
29                        </div>
30                    </div>
31                </div>
32            </div>
```

Select theme to edit: com5961 Select

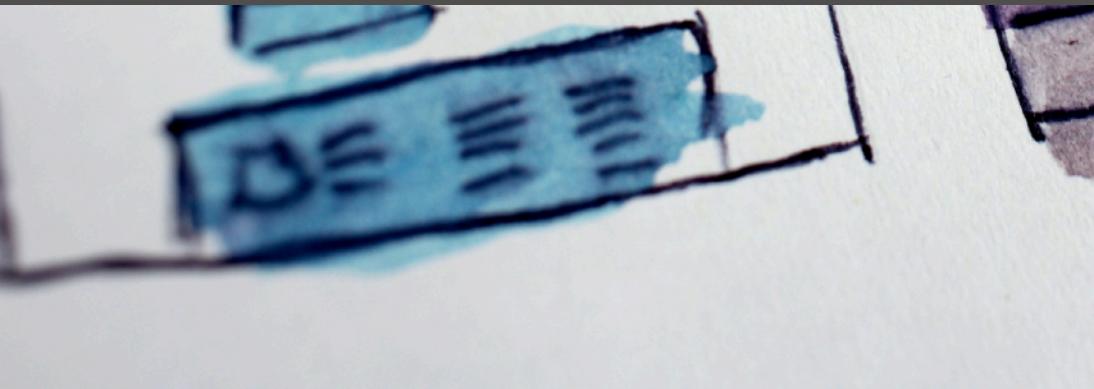
Theme Files

- Stylesheet (style.css)
- Theme Functions (functions.php)
- css ▶ about.html
- js ▶
- less ▶
- Theme Footer (footer.php)
- Theme Header (header.php)
- Main Index Template (index.php)
- mail ▶
- Single Page (page.php)
- Sidebar (sidebar.php)
- Single Post (single.php)
- fonts ▶

Paste content from index.php into single.php and save.

Second Post

Be happy. Stay calm.



Even though it is the **same** file with **different** name, WordPress is smart enough to *show only a single post* when the **single.php** template is used.



[Take me there](#)

full and warm within me, that it might be the mirror of my soul, as my soul is the mirror of the infinite.

Checking which template is in action.

Wordpress 5.0.3 is available! Please update from [your Pantheon dashboard](#). For details on applying updates, see the [Applying Upstream Updates](#) documentation. If you need help, open a support chat on Pantheon.

Add Plugins [Upload Plugin](#)

Search Results Featured Popular Recommended Favorites

Keyword 3,799 items 1 of 127

which template file Active [More Details](#)

Show the name of the PHP file of your theme used to display the current page. By [Gilles Dumas](#)

5 stars (2) Last Updated: 1 year ago 1,000+ Active Installations Untested with your version of WordPress

Which Template Am I [Install Now](#) [More Details](#)

This plugin will display the name of the WordPress Template in use for the current page at in the footer. It only shows for logged in administrators. By [Neil Gee](#)

5 stars (1) Last Updated: 1 year ago 100+ Active Installations Untested with your version of WordPress

Shortcodes Ultimate [Install Now](#) [More Details](#)

A comprehensive collection of visual components for your site. By [Vladimir Anokhin](#)

5 stars (4,774) Last Updated: 1 month ago 800,000+ Active Installations ✓ Compatible with your version of WordPress

Events Manager [Install Now](#) [More Details](#)

Fully featured event registration management including recurring events, locations management, calendar, Google map integration, booking management. By [Marcus Sykes](#)

5 stars (200) Last Updated: 1 month ago

FooGallery – Image Gallery WordPress Plugin [Install Now](#) [More Details](#)

Why choose FooGallery? Stunning gallery layouts, responsive, retina-ready, lightning fast, easy to use. Gutenberg Ready! By [FooPlugins](#)

5 stars (2) Last Updated: 5 months ago 800+ Active Installations Untested with your version of WordPress

Filter Page by Template [Install Now](#) [More Details](#)

See list of pages or any type of posts by filtering based on used template.... By [oneTarek](#)

5 stars (2) Last Updated: 5 months ago

Install this plug-in to track template execution priority (i.e. hierarchy)



Howdy, admin

wp553b Customize 0 + New index.php

BRAND Home Sample Page

O my friend

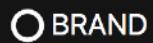
Would I could describe these
conceptions, could impress upon paper all
that is living so full and warm within me,
that it might be the mirror of my soul, as
my soul is the mirror of the infinite.

Take me there

Second Post

Be happy. Stay calm.

Hello world!



Home Sample Page

O my friend

Would I could describe these
conceptions, could impress upon paper all
that is living so full and warm within me,
that it might be the mirror of my soul, as
my soul is the mirror of the infinite.

[Take me there](#)

Second Post

Be happy. Stay calm.

**Linking the [index](#) page and the
[single post](#) page.**

```
13 <div class="container">
14 <?php
15 if (have_posts()) :
16 while (have_posts()) :
17     the_post(); ?>
18     <a href="<?php the_permalink(); ?>"><h1><?php the_title(); ?></h1></a>
19     <?php the_content();
20 endwhile;
21 endif; ?>
22 </div>
23 </div>
24 <?php wp_footer(); ?>
25 <?php get_footer() ?>
```

Wrapping the `the_permalink()` template tag around the `<h1>` title template tag so it can create an anchor href link to the single page.

Second Post

Be happy. Stay calm.

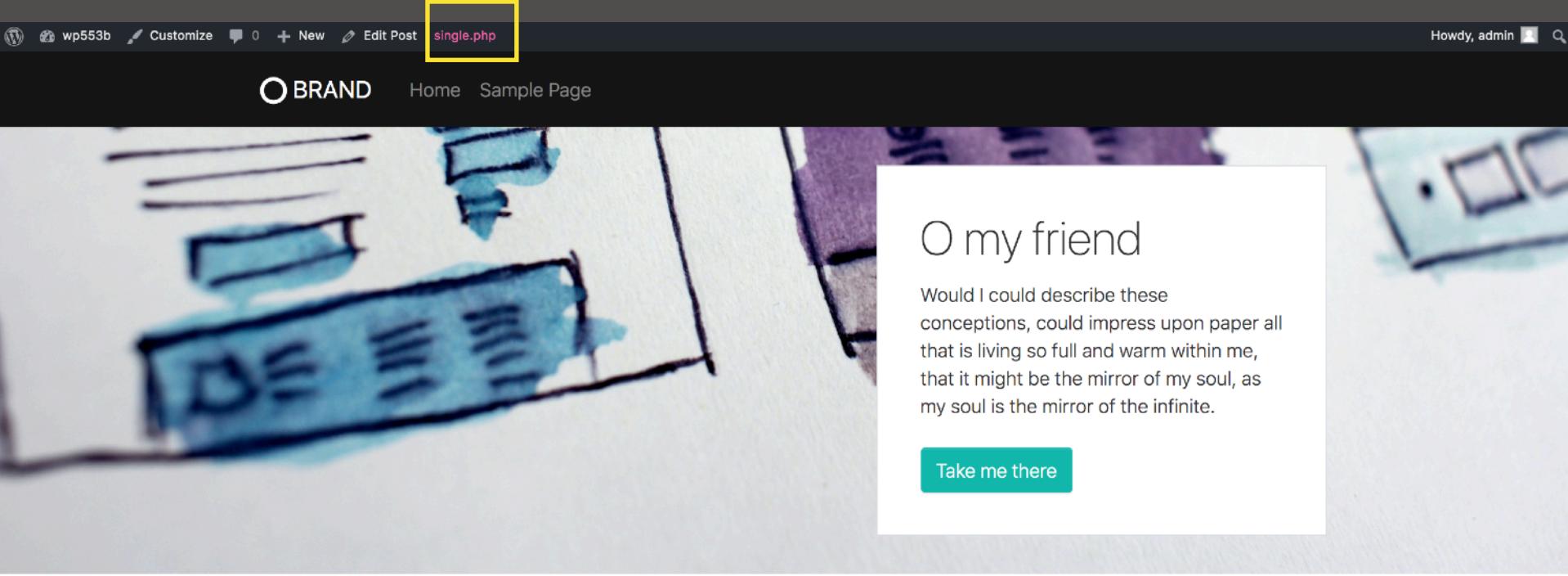
Hello world!

Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

When clicked, the user will be redirected to the single post.

Take me there





Second Post

Be happy. Stay calm.

O my friend

Would I could describe these
conceptions, could impress upon paper all
that is living so full and warm within me,
that it might be the mirror of my soul, as
my soul is the mirror of the infinite.

[Take me there](#)

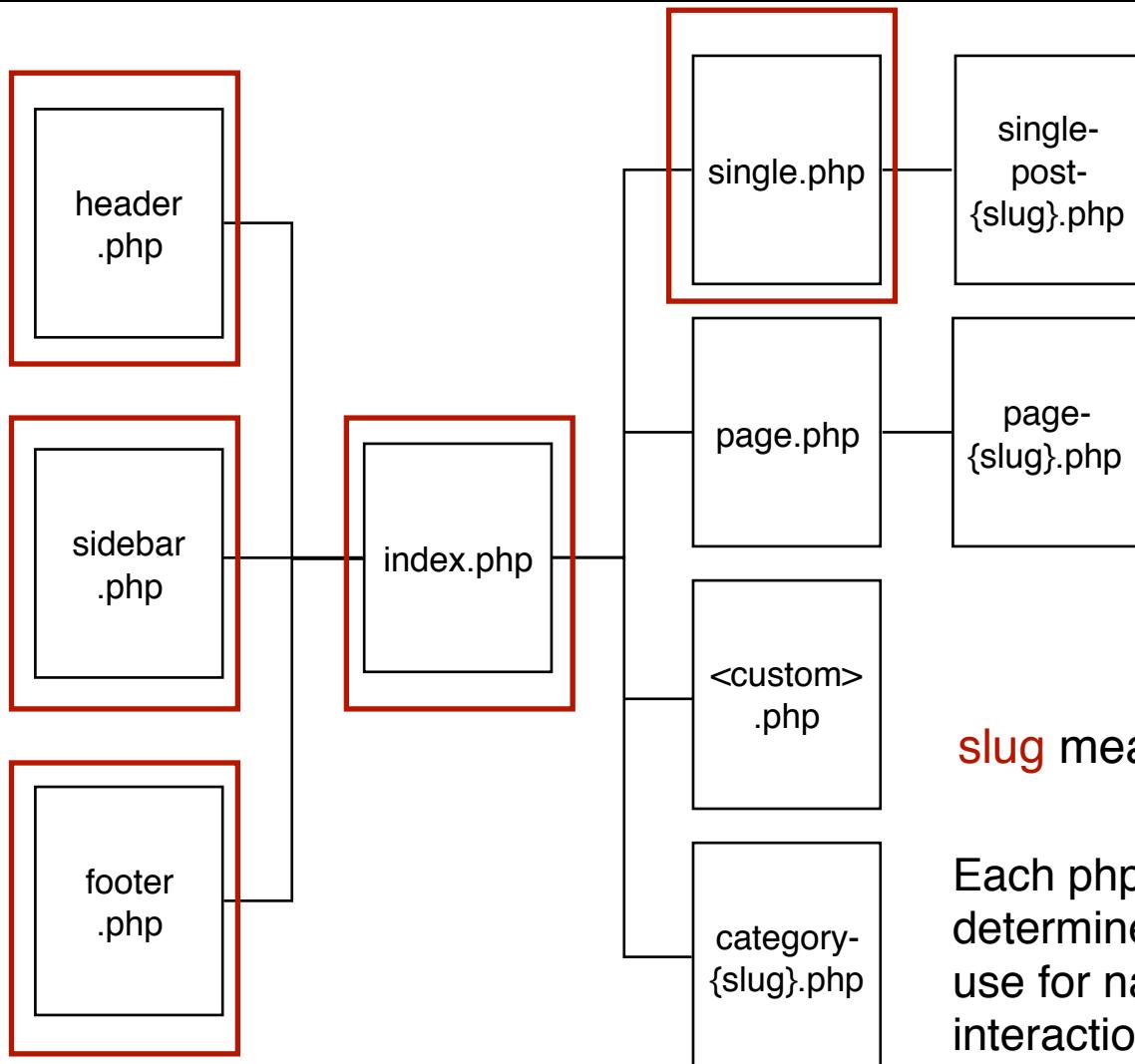
Hide the underline of the link by styling the <a href> tag.

Second Post

Be happy. Stay calm.

```
<?php
if (have_posts()) :
while (have_posts()) :
the_post(); ?>
<a class="hlink" href="php the_permalink(); ?&gt;"&gt;&lt;h1&gt;&lt;?php the_title(); ?&gt;&lt;/h1&gt;&lt;/a&gt;
&lt;?php the_content();
endwhile;
endif; ?&gt;</pre
```

```
# index.php      functions.php      header.php      footer.php
# style.css > a.hlink
1  /*
2   Theme Name: Com5961
3   Author: Bernard Suen
4   Author URI: https://ybsuen.github.io
5   Description: Demo theme for com5961.
6   Version: 0.1
7   */
8
9   a.hlink {
10    text-decoration:none
11 }
```



slug means “url name”

Each php file **template** will determine which layout to use for navigation and interaction as user clicks.

**How about adding thumbnail image or
banner image to each post?**

Functions.php

functions.php

```
1 <?php  
2  
3 add_theme_support('post-thumbnails');  
4  
5 ?>  
6
```

Insert the above link into the functions.php file.

Howdy, admin

Edit Post [Add New](#)

Second Post

Permalink: http://localhost/wp_553b/2020/11/18/second-post/ [Edit](#)

[Add Media](#)

Visual Text

Paragraph B I

Be happy. Stay calm.

Word count: 4 Last edited by admin on November 18, 2020 at 6:27 am

Publish

Preview Changes

Status: Published [Edit](#)

Visibility: Public [Edit](#)

Published on: Nov 18, 2020 at 06:27 [Edit](#)

[Move to Trash](#) [Update](#)

Categories

All Categories Most Used

Uncategorized

[+ Add New Category](#)

Tags

Add

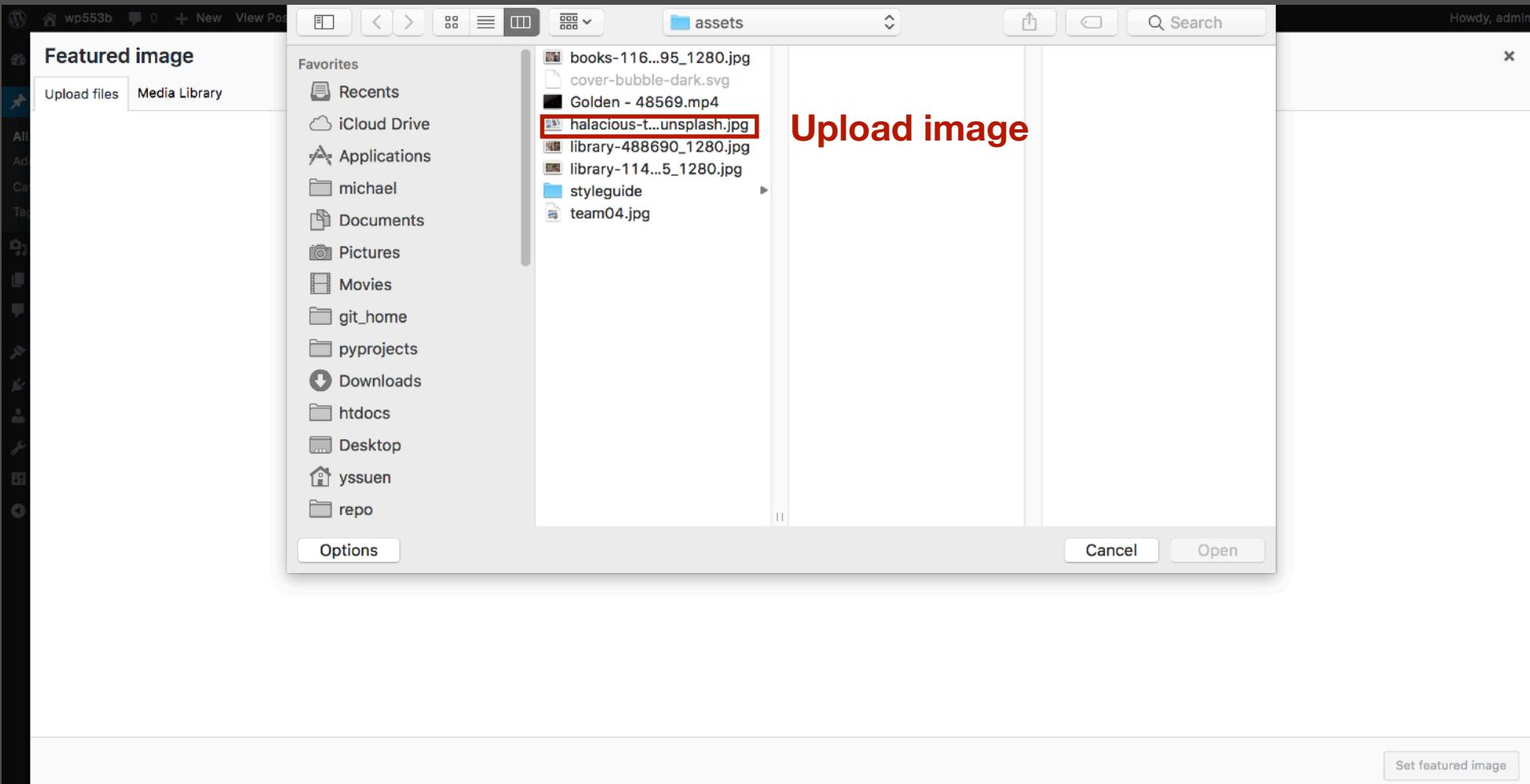
Separate tags with commas

[Choose from the most used tags](#)

Featured image

[Set featured image](#)

The screenshot shows the WordPress 'Edit Post' screen for a post titled 'Second Post'. The main content area contains the text 'Be happy. Stay calm.' and a word count of 4. The 'Publish' sidebar on the right displays post status, visibility, publication date, and trash/move options. Below these are sections for 'Categories' (showing 'Uncategorized' selected) and 'Tags'. A large red box highlights the 'Featured image' section in the 'Publish' sidebar, which includes a link to 'Set featured image'.



Set featured image

Howdy, admin

Featured image

Upload files Media Library

Filter media

Images All dates Search

 Image will appear in the media library.

Set featured image

Howdy, admin

Featured image

Upload files Media Library

Filter media

Images All dates

Search

ATTACHMENT DETAILS

 road-1072823_640.jpg
November 18, 2020
111 KB
640 by 373 pixels
[Edit Image](#)
[Delete permanently](#)

Alt Text

Describe the purpose of the image. Leave empty if the image is purely decorative.

Title

road-1072823_640

Caption

Description

File URL:

http://localhost/wp_553b

Copy URL

Set featured image

Click on the image to set it as featured image.

wp553b 0 New View Post Howdy, admin

Dashboard Posts All Posts Add New Categories Tags Media Pages Comments Appearance Plugins Users Tools Settings Collapse menu

Second Post

Permalink: http://localhost/wp_553b/2020/11/18/second-post/ Edit

Add Media Visual Text

Paragraph B I List List List List List List List

Be happy. Stay calm.

Word count: 4 Last edited by admin on November 18, 2020 at 8:34 am

Publish Preview Changes Status: Published Edit Visibility: Public Edit Published on: Nov 18, 2020 at 06:27 Edit Move to Trash Update

Categories All Categories Most Used Uncategorized + Add New Category

Tags Add Separate tags with commas Choose from the most used tags

Featured image 

The image will become the “featured image” for this post.

single.php

```
1  <?php get_header(); ?>
2  <div style="background-image: url(<?php bloginfo('template_url') ?>/img/halacious-tZc3vjPCk-Q-unsplash.j
3   |   <div class="container">
4   |   |   <div class="row">
5   |   |   |   <div class="p-4 bg-white ml-auto col-md-5 border" style="margin:40px 0 40px 0;">
6   |   |   |   |   <h1>0 my friend</h1>
7   |   |   |   |   <p class="mb-3">Would I could describe these conceptions, could impress upon paper all that is l
8   |   |   |   </div>
9   |   |   </div>
10  |   </div>
11  </div>
12  <div class="py-5">
13  <div class="container">
14  <?php
15  if (have_posts()) :
16  while (have_posts()):
17      the_post();
18      <h1><?php the_title(); ?></h1>
19      <img src=<?php the_post_thumbnail(); ?>
20      <?php the_content();
21  endwhile;
22 endif;
23 </div>
24 </div>
25 <?php wp_footer(); ?>
26 <?php get_footer() ?>
```

**Inside the loop, insert the
the_post_thumbnail() template tag to
place the featured image as the
source (i.e. src) at the tag
location.**

O my friend

Would I could describe these conceptions, could impress upon paper all that is living so full and warm within me, that it might be the mirror of my soul, as my soul is the mirror of the infinite.

[Take me there](#)

Second Post



Be happy. Stay calm.

Making a banner.

single.php

```
1 <?php get_header(); ?>
2     <div style="background-image: url(<?php bloginfo('template_url') ?>/img/halacious-tZc3vjPCk-Q-unsplash.j
3         <div class="container">
4             <div class="row">
5                 <div class="p-4 bg-white ml-auto col-md-5 border" style="margin:40px 0 40px 0;">
6                     <h1>0 my friend</h1>
7                     <p class="mb-3">Would I could describe these conceptions, could impress upon paper all that is l
8                 </div>
9             </div>
10            </div>
11        </div>
12        <div class="py-5">
13            <div class="container">
14                <?php
15                if (have_posts()) :
16                    while (have_posts()) :
17                        the_post(); ?>
18                            <h1><?php the_title(); ?></h1>
19                            <img src=<?php the_post_thumbnail(); ?>
20                            <?php the_content();
21                endwhile;
22            endif; ?>
23        </div>
24    </div>
25    <?php wp_footer(); ?>
26 <?php get_footer() ?>
```

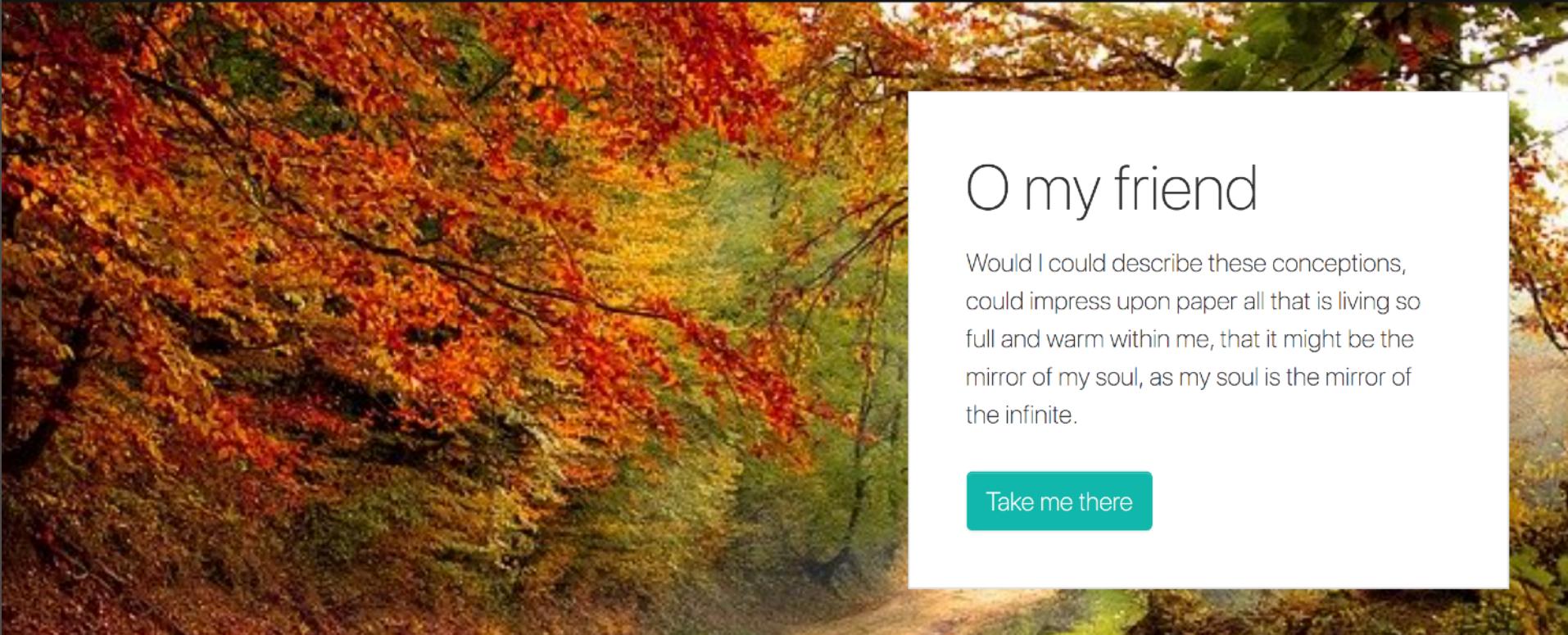
Replace the static image banner with
the dynamic featured image that is
defined in the post.

```
single.php
1 <?php get_header(); ?>
2 <?php if (have_posts()) :
3     while (have_posts()) :
4         the_post();
5         $featured_img_url = wp_get_attachment_url( get_post_thumbnail_id($post->ID), 'thumbnail' ); ?>
6         <div style="background-image:url('<?php echo $featured_img_url; ?>'); background-position: top le
7     <?php endwhile;
8     endif; ?>
9     <div class="container">
10        <div class="row">
11            <div class="p-4 bg-white ml-auto col-md-5 border" style="margin:40px 0 40px 0;">
12                <h1>0 my friend</h1>
13                <p class="mb-3">Would I could describe these conceptions, could impress upon paper all that is l
14            </div>
15        </div>
16    </div>
17 </div>
18 <div class="py-5">
19     <div class="container">
20         <?php
21         if (have_posts()) :
22             while (have_posts()) :
23                 the_post(); ?>
24                 <h1><?php the_title(); ?></h1>
25                 <img src=<?php the_post_thumbnail(); ?>>
26                 <?php the_content();
27             endwhile;
28         endif; ?>
29     </div>
```

Define the \$featured_img_url variable by using the `wp_get_attachment_url(get_post_thumbnail_id($post->ID)` functions inside the loop and then use it for replacing the static banner image. Notice that the loop is used twice in the code. First to make the banner, second to make the thumbnail image.



Home Sample Page



O my friend

Would I could describe these conceptions,
could impress upon paper all that is living so
full and warm within me, that it might be the
mirror of my soul, as my soul is the mirror of
the infinite.

[Take me there](#)

Setup page.php (Page Template)

wp553b 0 + New View Page Howdy, admin

Edit Page Add New

Sample Page

Permalink: http://localhost/wp_553b/sample-page/ Edit

Add Media Visual Text

Paragraph B I

This is an example page. It's different from a blog post because it will stay in one place and will show up in your site navigation (in most themes). Most people start with an About page that introduces them to potential site visitors. It might say something like this:

Hi there! I'm a bike messenger by day, aspiring actor by night, and this is my website. I live in Los Angeles, have a great dog named Jack, and I like piña coladas. (And gettin' caught in the rain.)

...or something like this:

The XYZ Doohickey Company was founded in 1971, and has been providing quality doohickeys to the public ever since. Located in Gotham City, XYZ employs over 2,000 people and does all kinds of awesome things for the Gotham community.

As a new WordPress user, you should go to [your dashboard](#) to delete this page and create new pages for your content. Have fun!

Publish

Preview Changes

Status: Published [Edit](#)

Visibility: Public [Edit](#)

Published on: Nov 17, 2020 at 13:36 [Edit](#)

[Move to Trash](#) [Update](#)

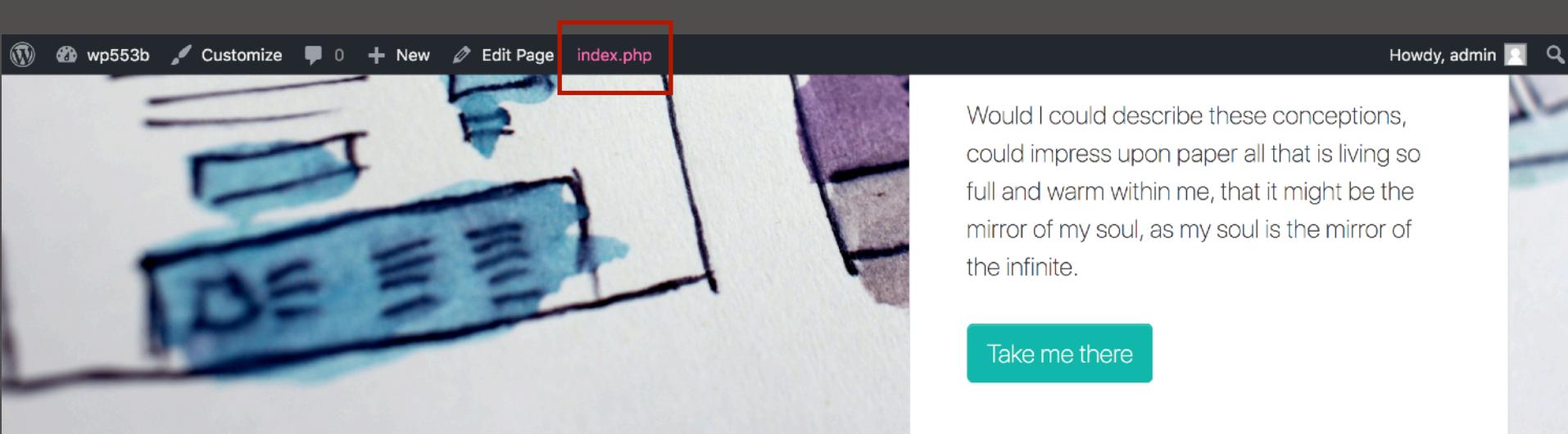
Page Attributes

Order 0

Need help? Use the Help tab above the screen title.

Featured image

[Set featured image](#)



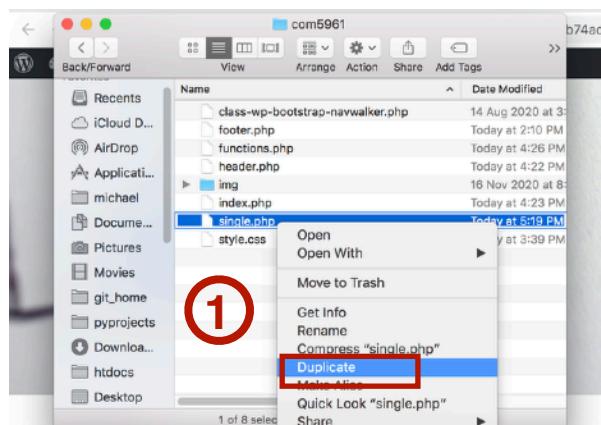
Sample Page

When you preview the page, you'll notice that the index.php template is used. Let's use the same trick and duplicate single.php to create a template called 'page.php' for handling pages.

This is an example page. It's different from a blog post because it will stay in one place and will show up in your site navigation (in most themes). Most people start with an About page that introduces them to potential site visitors. It might say something like this:

Hi there! I'm a bike messenger by day, aspiring actor by night, and this is my website. I live in Los Angeles, have a great dog named Jack, and I like piña coladas. (And gettin' caught in the rain.)

Duplicate single.php

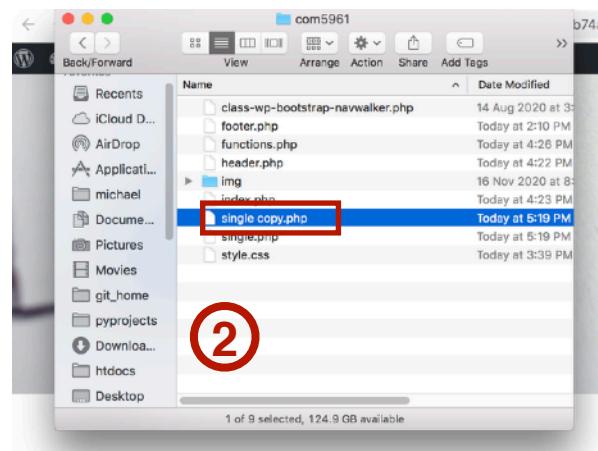


Sample Page

This is an example page. It's different from a blog post because it will introduce them (themes). Most people start with an About page that introduces them.

Hi there! I'm a bike messenger by day, aspiring actor by night, and I like piña coladas. (And gettin' caught in the rain.)

A duplicated copy is made.

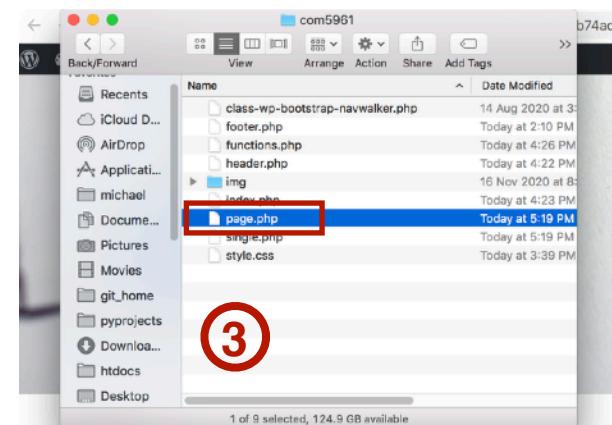


Sample Page

This is an example page. It's different from a blog post because it will introduce them (themes). Most people start with an About page that introduces them.

Hi there! I'm a bike messenger by day, aspiring actor by night, and I like piña coladas. (And gettin' caught in the rain.)

Rename to page.php



Sample Page

This is an example page. It's different from a blog post because it will introduce them (themes). Most people start with an About page that introduces them.

Hi there! I'm a bike messenger by day, aspiring actor by night, and I like piña coladas. (And gettin' caught in the rain.)

Would I could describe these conceptions,
could impress upon paper all that is living so
full and warm within me, that it might be the
mirror of my soul, as my soul is the mirror of
the infinite.

[Take me there](#)

During preview, you'll notice the template used has changed.

Sample Page

This is an example page. It's different from a blog post because it will stay in one place and will show up in your site navigation (in most themes). Most people start with an About page that introduces them to potential site visitors. It might say something like this:

Hi there! I'm a bike messenger by day, aspiring actor by night, and this is my website. I live in Los Angeles, have a great dog named Jack, and I like piña coladas. (And gettin' caught in the rain.)

Dashboard

Posts

Media

Pages

All Pages

Add New

Comments

Appearance

Plugins

Users

Tools

Settings

Collapse menu

Add Media

Visual

Text

Paragraph

B

I

≡

≡

“

”

≡

≡

≡

≡

≡

X

This is an example page. It's different from a blog post because it will stay in one place and will show up in your site navigation (in most themes). Most people start with an About page that introduces them to potential site visitors. It might say something like this:

Hi there! I'm a bike messenger by day, aspiring actor by night, and this is my website. I live in Los Angeles, have a great dog named Jack, and I like piña coladas. (And gettin' caught in the rain.)

...or something like this:

The XYZ Doohickey Company was founded in 1971, and has been providing quality doohickeys to the public ever since. Located in Gotham City, XYZ employs over 2,000 people and does all kinds of awesome things for the Gotham community.

As a new WordPress user, you should go to [your dashboard](#) to delete this page and create new pages for your content. Have fun!

Word count: 153

Last edited on November 17, 2020 at 1:36 pm

Feature another image for the page.

Status: Published [Edit](#)

Visibility: Public [Edit](#)

Published on: Nov 17, 2020 at 13:36

[Edit](#)

[Move to Trash](#)

Update

Page Attributes

Order

0

Need help? Use the Help tab above the screen title.

Featured image



Click the image to edit or update



wp553b

Customize

0

+ New

Edit Page

page.php

Howdy, admin

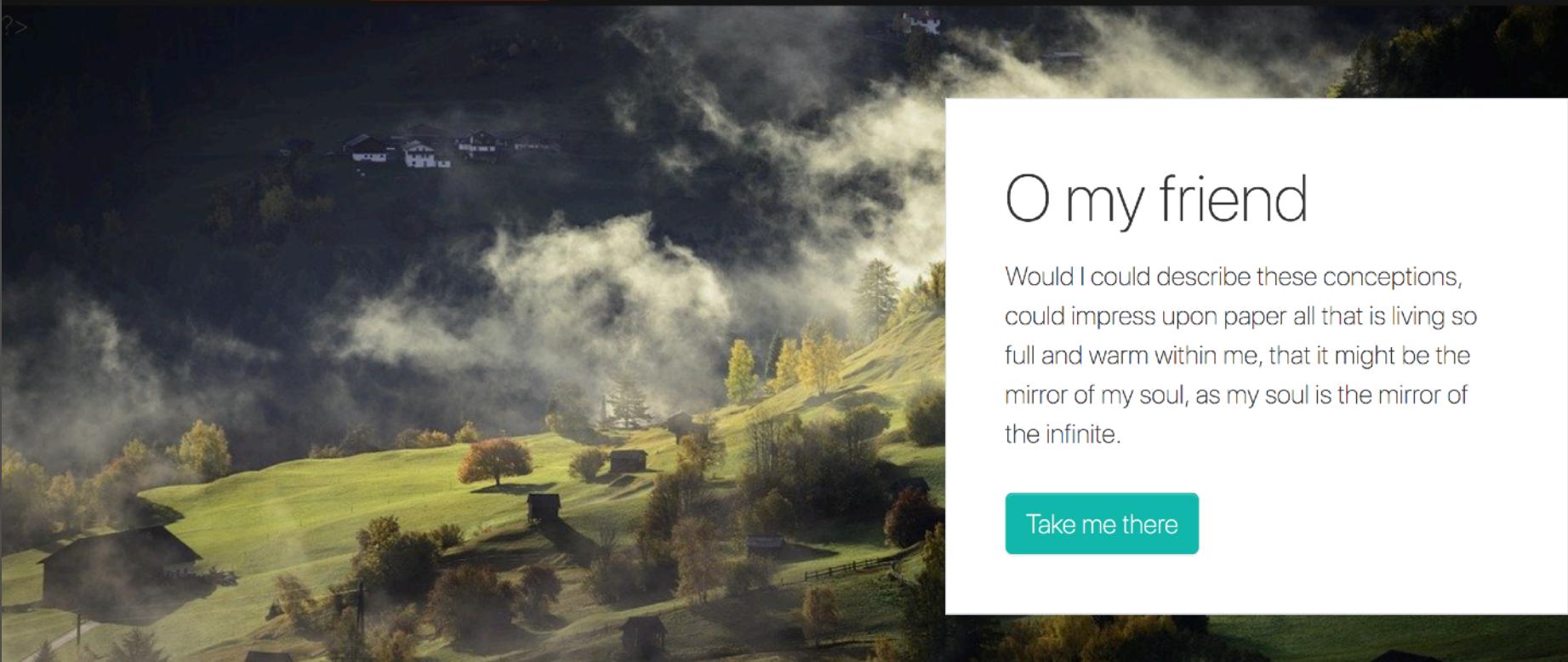


O BRAND

Home

Sample Page

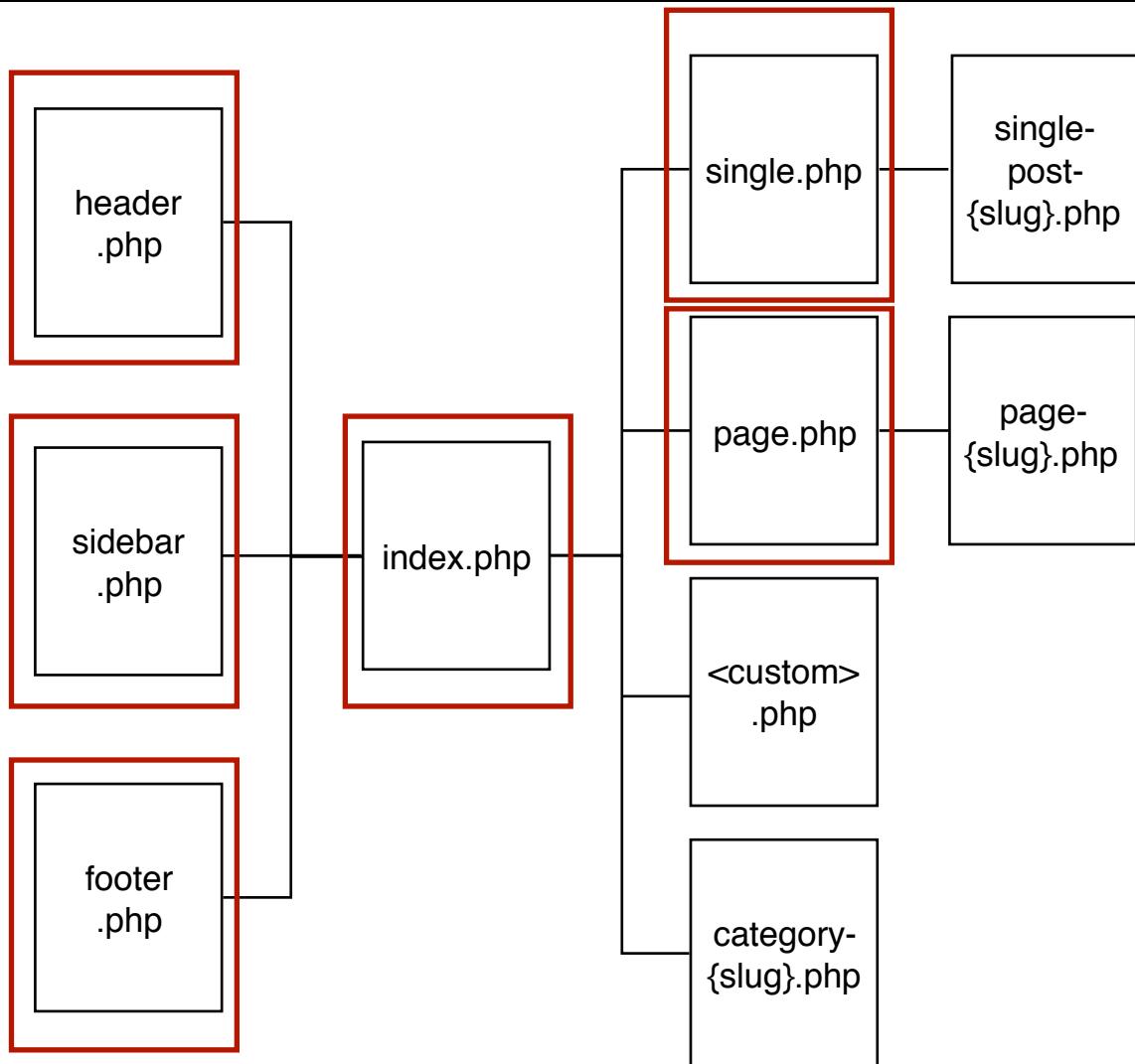
page.php



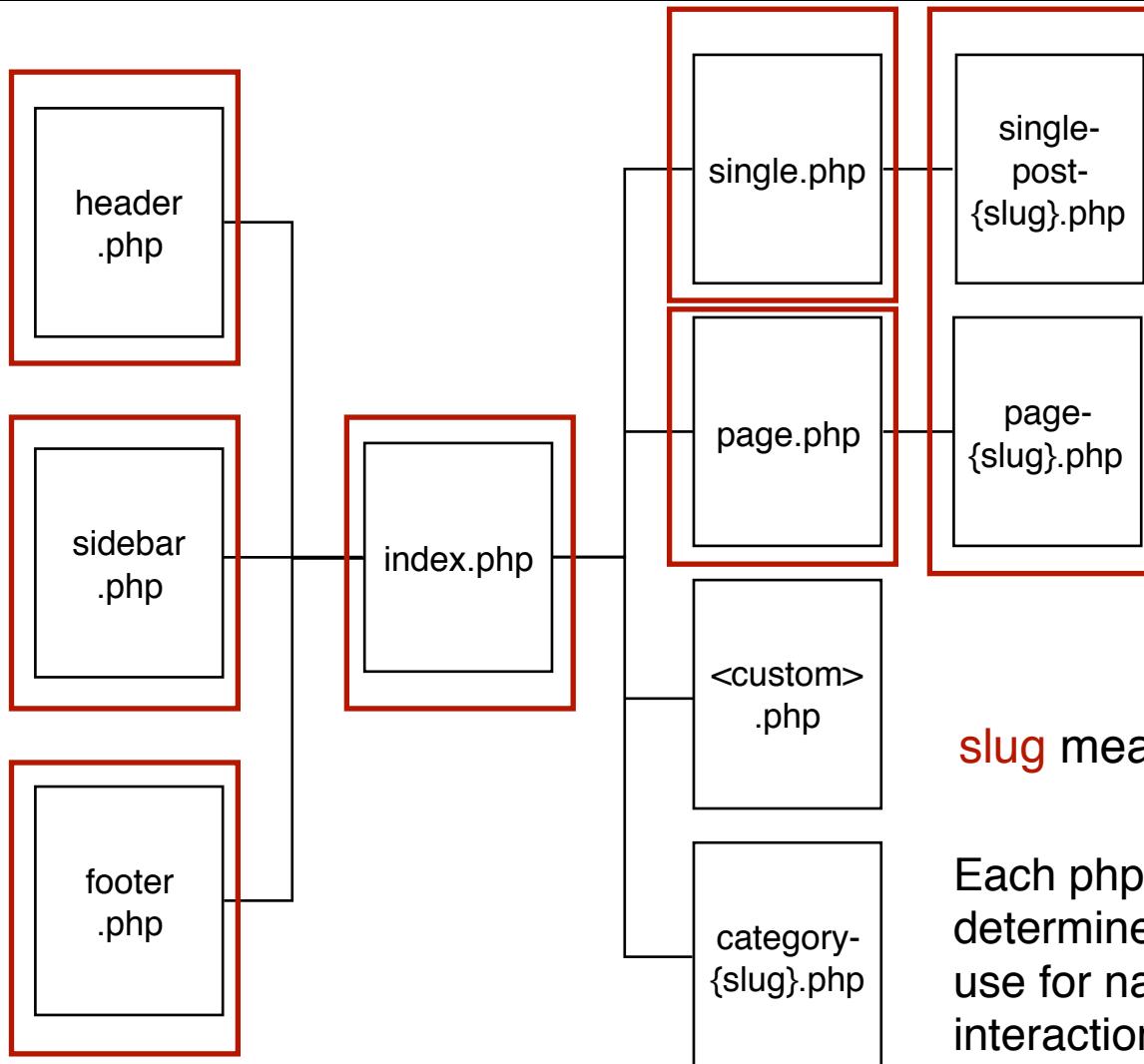
O my friend

Would I could describe these conceptions,
could impress upon paper all that is living so
full and warm within me, that it might be the
mirror of my soul, as my soul is the mirror of
the infinite.

[Take me there](#)



**Dealing with exceptions: Unique
post or page.**



slug means “url name”

Each php file **template** will determine which layout to use for navigation and interaction as user clicks.

page-{slug}.php

Dashboard

Posts

Media

Pages

All Pages

Add New

Comments

Appearance

Plugins

Users

Tools

Settings

Collapse menu

Edit Page

Add New

Page updated. [View page](#)

This is the slug.

Special Page

Permalink: http://localhost/wp_553b/

special-page

OK Cancel

Add Media

Visual Text

Paragraph

B I

“ ”

≡

≡

≡

≡

≡

This is a special page.

Publish

Preview Changes

Status: Published [Edit](#)Visibility: Public [Edit](#)Revisions: 2 [Browse](#)Published on: Nov 18, 2020 at 12:07 [Edit](#)[Move to Trash](#)

Update

Page Attributes

Parent

(no parent)

Order

0

Need help? Use the Help tab above the



wp553b

Customize

0

+ New

Edit Page

page-special-page.php

Howdy, admin



Duplicate the **page.php** file to create
page-**special-page**.php.
slug name

Special Page

This is a special page.

O my friend

Would I could describe these conceptions,
could impress upon paper all that is living so
full and warm within me, that it might be the
mirror of my soul, as my soul is the mirror of
the infinite.

[Take me there](#)

**A Pingendo template that can be borrowed to become
the “special page” template.**

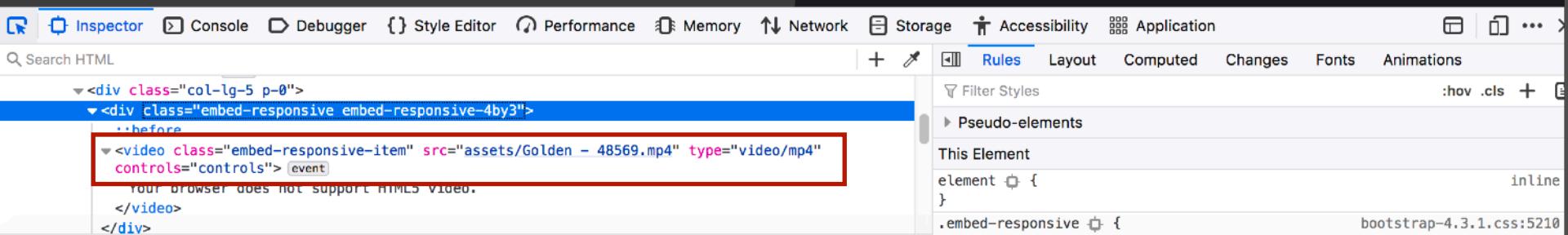


Embedded mpeg video.

The lovely valley

Teems with vapour around me, and the meridian sun strikes
the upper surface of the impenetrable foliage of my trees,
and but a few stray gleams steal into the inner sanctuary, I
throw myself down among the tall grass by the trickling
stream; and, as I lie close to the earth.

Made with Pingendo Free 



The screenshot shows the developer tools of the Pingendo browser extension. The top navigation bar includes tabs for Inspector, Console, Debugger, Style Editor, Performance, Memory, Network, Storage, Accessibility, Application, and several others. The main area displays the HTML code for an embedded video:

```
<div class="col-lg-5 p-0">
  <div class="embed-responsive embed-responsive-4by3">
    <video class="embed-responsive-item" src="assets/Golden - 48569.mp4" type="video/mp4"
      controls="controls"> [event]
      Your browser does not support HTML5 video.
    </video>
  </div>
```

The video element is highlighted with a red box. The browser's status bar at the bottom right indicates "bootstrap-4.3.1.css:5210".

```
page-special-page.php
1 <?php get_header(); ?>
2 <div class="py-5 text-white" style="background-image: linear-gradient(to bottom, rgba(0, 0, 0, .75), rgba(0, 0, 0, .75)), url(https://s1
3 <div class="container">
4 <div class="row">
5 <?php if (have_posts()) :
6 while (have_posts()) :
7     the_post(); ?>
8     <div class="p-6 col-lg-5 p-0">
9         <div class="embed-responsive embed-responsive-4by3"><img class="embed-responsive-item" src=<?php the_post_thumbnail(); ?></div>
10    </div>
11    <div class="p-6 col-lg-7 d-flex flex-column justify-content-center">
12        <h2>The lovely valley</h2>
13        <p>Teems with vapour around me, and the meridian sun strikes the upper surface of the impenetrable foliage of my trees, and bu
14    </div>
15    <?php endwhile;
16    endif; ?>
17 </div>
18 </div>
19 </div>
20
21 <div class="py-5">
22 <div class="container">
23 <?php
24 if (have_posts()) :
25 while (have_posts()) :
26     the_post(); ?>
27     <h1><?php the_title(); ?></h1>
28     <?php the_content();
29 endwhile;
30 endif; ?>
31 </div>
32 </div>
33 <?php wp_footer(); ?>
34 <?php get_footer() ?>
```

In the 1st loop, convert from video source to image source to fetch the featured image.

In the 2nd loop, fetch the page title and body content.



The lovely valley

Teems with vapour around me, and the meridian sun strikes the upper surface of the impenetrable foliage of my trees, and but a few stray gleams steal into the inner sanctuary, I throw myself down among the tall grass by the trickling stream; and, as I lie close to the earth.

```
page-special-page.php
```

```
1 <?php get_header(); ?>
2 <div class="py-5 text-white" style="background-image: linear-gradient(to bottom, rgba(0, 0, 0, .75), rgba(0, 0, 0, .75)), url(https://sta...
3 <div class="container">
4 <div class="row">
5 <?php if (have_posts()) :
6   while (have_posts()) :
7     the_post(); ?>
8     <div class="p-6 col-lg-5 p-0">
9       <div class="embed-responsive embed-responsive-4by3"><img class="embed-responsive-item" src=<?php the_post_thumbnail(); ?></div>
10      </div>
11      <div class="p-6 col-lg-7 d-flex flex-column justify-content-center">
12        <h2>The lovely valley</h2>
13        <p>Teems with vapour around me, and the meridian sun strikes the upper surface of the impenetrable foliage of my trees, and but
14      </div>
15    <?php /* endwhile;
16    endif; */ ?> ← Comment out the end of the 1st loop.
17  </div>
18  </div>
19  </div>
20
21 <div class="py-5">
22   <div class="container">
23     <?php /*
24       if (have_posts()) :
25         while (have_posts()) :
26           the_post(); */ ?> ← Comment out the beginning of the 2nd loop.
27           <h1><?php the_title(); ?></h1>
28           <?php the_content();
29     endwhile;
30   endif; ?>
31  </div>
32  </div>
33  <?php wp_footer(); ?>
34 <?php get_footer() ?>
```

single-post-{slug}.php

wp553b 0 + New View Post Howdy, admin

Dashboard Help

Edit Post Add New

Third Post

Permalink: http://localhost/wp_553b/2020/11/18/third-post OK Cancel

Add Media Visual Text

Paragraph B I

This is the 3rd post.

Word count: 5 Last edited by admin on November 18, 2020 at 11:53 am

Publish Preview Changes

Status: Published Edit

Visibility: Public Edit

Published on: Nov 18, 2020 at 11:53 Edit

Move to Trash Update

Categories

All Categories Most Used

Uncategorized

+ Add New Category

Tags

Add

The screenshot shows the WordPress admin interface for editing a post. The main area displays the title 'Third Post' in a text input field, which is highlighted with a red box. Below the title, the permalink is set to 'third-post'. The right sidebar contains sections for 'Publish', 'Categories', and 'Tags', each with their respective settings and buttons like 'Update' and 'Add'.



Home Privacy Policy Sample Page Special Page

O my friend

Would I could describe these conceptions,
could impress upon paper all that is living so
full and warm within me, that it might be the
mirror of my soul, as my soul is the mirror of
the infinite.

[Take me there](#)

wp553b 0 + New View Post Howdy, admin

Dashboard Help

Edit Post Add New

Third Post

Permalink: http://localhost/wp_553b/2020/11/18/third-post OK Cancel

Add Media slug name Visual Text

Paragraph B I “ ” [X]

This is the 3rd post.

Duplicate the **single.php** file to create **single-post-third-post.php**.

Word count: 5 Last edited by admin on November 18, 2020 at 11:53 am

Publish Preview Changes

Status: Published Edit

Visibility: Public Edit

Published on: Nov 18, 2020 at 11:53 Edit

Move to Trash Update

Categories

All Categories Most Used

Uncategorized

+ Add New Category

Tags

Add



wp553b

Customize

0

+ New

Edit Post

single-post-third-post.php

Howdy, admin



Home Privacy Policy Sample Page Special Page

O my friend

Would I could describe these conceptions,
could impress upon paper all that is living so
full and warm within me, that it might be the
mirror of my soul, as my soul is the mirror of
the infinite.

[Take me there](#)

A Pingendo template that can be borrowed to become the “third post” template.

BRAND

Features Pricing Product

Services About FAQ

Contact us



Inspector Console Debugger {} Style Editor 🎧 Performance 🗃 Memory ⚡ Network 🏟 Storage 🚶 Accessibility 📊 Application

Search HTML

```
<div id="carousel" class="carousel slide bg-dark" data-ride="carousel"> [event]
  <div class="carousel-inner">
    <div class="carousel-item">
      
      <div class="carousel-caption">[...]</div>
    </div>
    <div class="carousel-item active">[...]</div>
    <div class="carousel-item">[...]</div>
    ::after
  </div>
  <a class="carousel-control-prev" href="#carousel" role="button" data-slide="prev">[...]/a> [event]
<html > body > div.py-0.bg-dark > div.container > div.row > div.col-md-12 > div#carousel.carousel.slide.bg-dark
```

Rules Layout Computed Changes Fonts Animations

Filter Styles

```
element { }
.bg-dark { background-color: #151515 !important; }
.carousel { position: relative; }
*, ::before, ::after { box-sizing: border-box; }
```

:hov .cls + inline bootstrap-4.3.1.css:4961 bootstrap-4.3.1.css:4690 bootstrap-4.3.1.css:37

```
single-post-third-post.php
```

```
1 <?php get_header(); ?>
2 <?php if (have_posts()) :
3     while (have_posts()) :
4         the_post();
5         $featured_img_url = wp_get_attachment_url( get_post_thumbnail_id($post->ID), 'thumbnail' ); ?>
6         <div style="background-image:url('<?php echo $featured_img_url; ?>'); background-position: top left; background-size: 100% 100%;">
7             <?php endwhile;
8         endif; ?>
9         <div class="container">
10            <div class="row">
11                <div class="p-4 bg-white ml-auto col-md-5 border" style="margin:40px 0 40px 0;">
12                    <h1>0 my friend</h1>
13                    <p class="mb-3">Would I could describe these conceptions, could impress upon paper all that is living so full and warm</p>
14                </div>
15            </div>
16        </div>
17    </div>
18    <div class="py-5">
19        <div class="container">
20            <?php
21            if (have_posts()) :
22                while (have_posts()) :
23                    the_post(); ?>
24                    <h1><?php the_title(); ?></h1>
25                    <img src=<?php the_post_thumbnail(); ?>>
26                    <?php the_content();
27            endwhile;
28        endif; ?>
29    </div>
30    </div>
31    <?php wp_footer(); ?>
32 <?php get_footer() ?>
```

Select the banner area and remove it.

single-post-third-post.php

```
1 <?php get_header(); ?>
2
3     <div class="py-5">
4         <div class="container">
5             <?php
6                 if (have_posts()) :
7                     while (have_posts()) :
8                         the_post();
9                         <h1><?php the_title(); ?></h1>
10                        <img src=<?php the_post_thumbnail(); ?>>
11                        <?php the_content();
12                     endwhile;
13                 endif; ?>
14             </div>
15         </div>
16         <?php wp_footer(); ?>
17     <?php get_footer() ?>
```

```
single-post-third-post.php
1 <?php get_header(); ?>
2 <div class="py-0 bg-dark">
3   <div class="container">
4     <div class="row" style="margin-left:-175px !important; margin-right:-175px !important;">
5       <div class="col-md-12">
6         <div class="carousel slide bg-dark" data-ride="carousel" id="carousel">
7           <div class="carousel-inner">
8             <div class="carousel-item active"> 
9               <div class="carousel-caption">
10                 <h5 class="m-0">Carousel</h5>
11                 <p>with controls</p>
12               </div>
13             </div>
14             <div class="carousel-item"> 
15               <div class="carousel-caption">
16                 <h5 class="m-0">Carousel</h5>
17                 <p>with controls</p>
18               </div>
19             </div>
20             <div class="carousel-item"> 
21               <div class="carousel-caption">
22                 <h5 class="m-0">Carousel</h5>
23                 <p>with controls</p>
24               </div>
25             </div>
26           </div> <a class="carousel-control-prev" href="#carousel" role="button" data-slide="prev"> <span class="carousel-control-prev-icon"></span> <span class="sr-only">Previous
```

Insert the Pingendo template codes and replace Carousel slider image sources with Wordpress template tag.

```
! single-post-third-post.php
1 <?php get_header(); ?>
2 <div class="py-0 bg-dark">
3   <div class="container">
4     <div class="row" style="margin-left:-175px !important; margin-right:-175px !important;">
5       <div class="col-md-12">
6         <div class="carousel slide bg-dark" data-ride="carousel" id="carousel">
7           <div class="carousel-inner">
8             <div class="carousel-item active"> 
9               <div class="carousel-caption">
10                 <h5 class="m-0">Carousel</h5>
11                 <p>with controls</p>
12               </div>
13             </div>
14             <div class="carousel-item"> 
15               <div class="carousel-caption">
16                 <h5 class="m-0">Carousel</h5>
17                 <p>with controls</p>
18               </div>
19             </div>
20             <div class="carousel-item"> 
21               <div class="carousel-caption">
22                 <h5 class="m-0">Carousel</h5>
23                 <p>with controls</p>
24               </div>
25             </div>
26           <a class="carousel-control-prev" href="#carousel" role="button" data-slide="prev"> <span class="carousel-control-prev-icon"></span> <span class="sr-only">Previous</span> </a>
27           <a class="carousel-control-next" href="#carousel" role="button" data-slide="next"> <span class="carousel-control-next-icon"></span> <span class="sr-only">Next</span> </a>
28         </div>
29       </div>
30     </div>
31   </div>
32 <div class="py-5">
33   <div class="container">
34     <?php
35     if (have_posts()) :
36       while (have_posts()) :
37         the_post(); ?>
38         <h1><?php the_title(); ?></h1>
39         <img src=<?php the_post_thumbnail(); ?>>
40         <?php the_content(); ?>
41     endwhile;
42     endif; ?>
43   </div>
```

The WP bloginfo('template-url') template tag will locate the images. But make sure all the images have been uploaded to the theme folder inside the 'assets' sub-folder.



wp553b

Customize

0

+ New

Edit Post

single-post-third-post.php

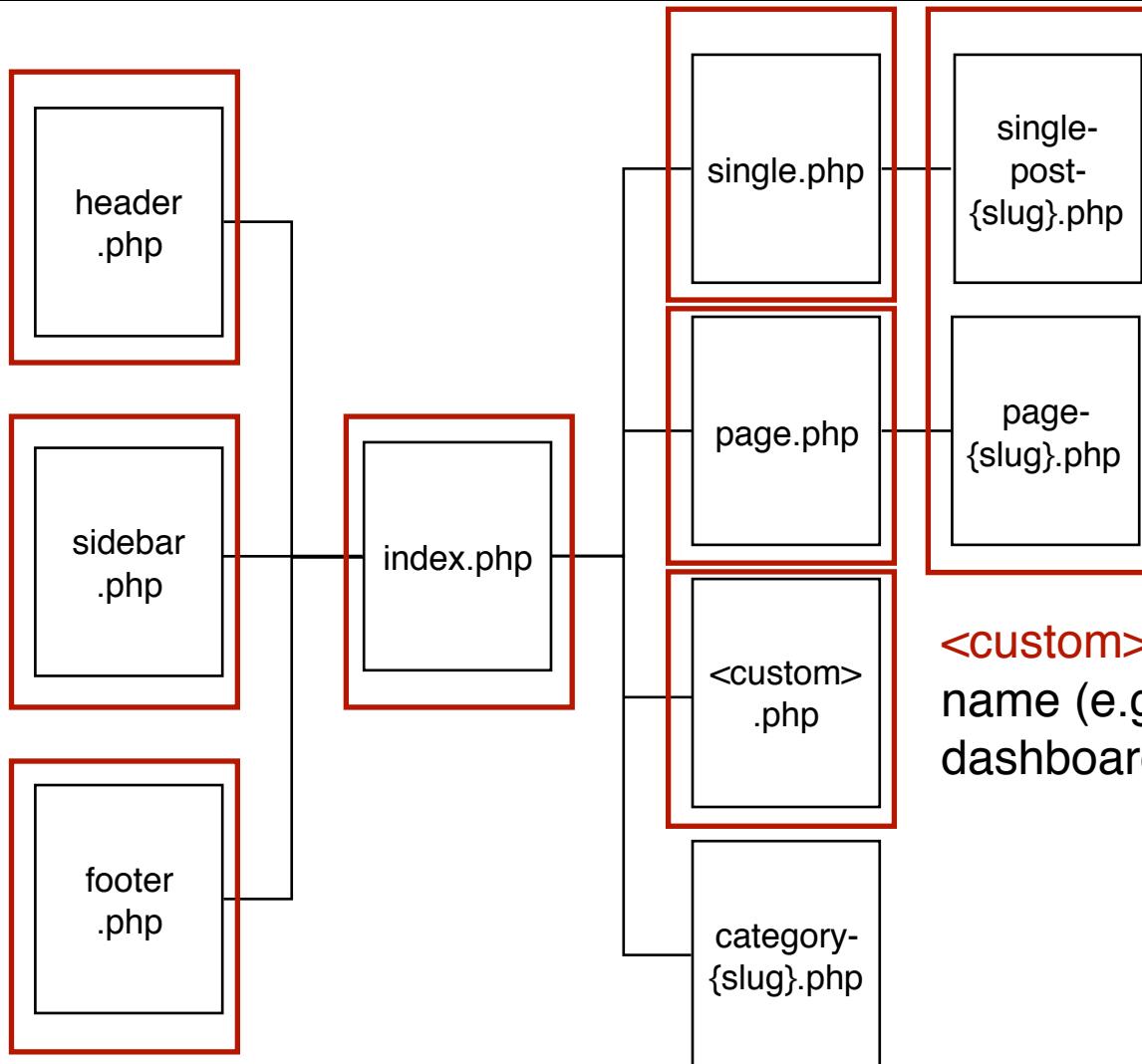
Howdy, admin



O BRAND

[Home](#) [Privacy Policy](#) [Sample Page](#) [Special Page](#)

**Integrate custom codes (e.g. dashboard
using <custom>.php**



<custom> can be any name (e.g. dashboard.php).

Airtable GetJSON

Airtable API Demo

Using jQuery getJSON and Airtable API for fun!

Airtable is a wonderful spreadsheet-like database with many useful features for data modeling and basic analytics. When used with other data visualization libraries, it can be a great tool for rapid prototyping.

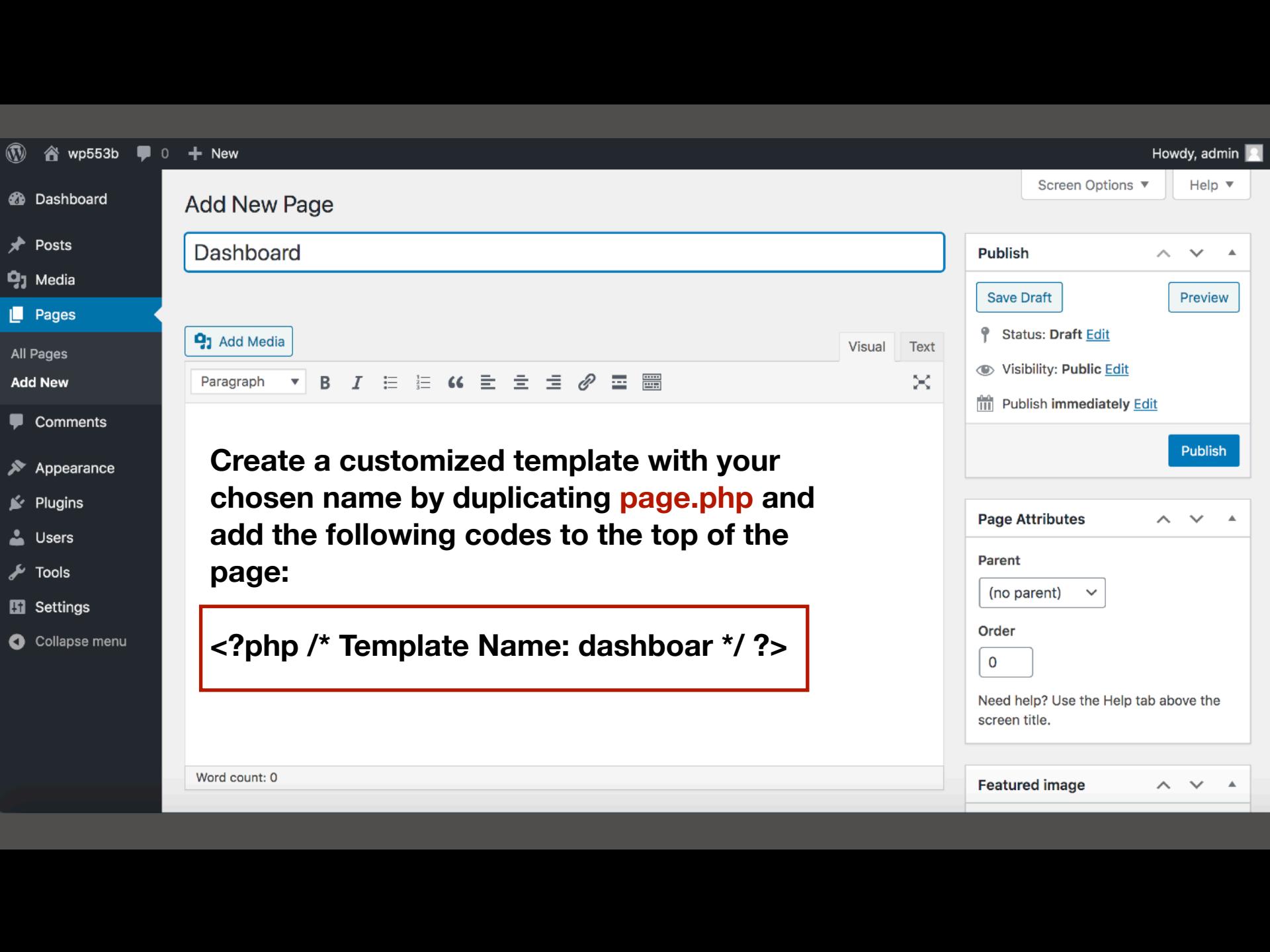
[Table](#) [Charts](#) [Remove](#)

Leaflet Example

Please select [Destinations](#) [Reset](#) [Remove](#)



**Original template:
dashboard.html.**



dashboard.php

```
1 <?php /* Template Name: dashboard */ ?> This line will make the customised template appear.
2 <?php get_header(); ?>
3 <?php if (have_posts()) :
4     while (have_posts()) :
5         the_post();
6         $featured_img_url = wp_get_attachment_url( get_post_thumbnail_id($post->ID), 'thumbnail' );
7         <div style="background-image:url('<?php echo $featured_img_url; ?>'); background-position: top left; background-size: 100% 100%;">
8             <?php endwhile;
9         endif; ?>
10        <div class="container">
11            <div class="row">
12                <div class="p-4 bg-white ml-auto col-md-5 border" style="margin:40px 0 40px 0;">
13                    <h1>0 my friend</h1>
14                    <p class="mb-3">Would I could describe these conceptions, could impress upon paper all that is living so full and warm v
15                </div>
16            </div>
17        </div>
18    </div>
19    <div class="py-5">
20        <div class="container">
21            <?php
22            if (have_posts()) :
23                while (have_posts()) :
24                    the_post(); ?>
25                    <h1><?php the_title(); ?></h1>
26                    <img src=<?php the_post_thumbnail(); ?>>
27                    <?php the_content();
28                endwhile;
29            endif; ?>
30        </div>
31    </div>
32    <?php wp_footer(); ?>
33    <?php get_footer() ?>
```

Remove the ‘row’ that was originally intended for fetching WP page content and replace that with the customised template codes.

wp553b 0 New View Page Howdy, admin

Dashboard Posts Media Pages All Pages Add New Comments Appearance Plugins Users Tools Settings Collapse menu

Edit Page Add New

Dashboard

Permalink: http://localhost/wp_553b/dashboard/ Edit

Add Media Visual Text

Paragraph B I

Find the customised template form the “Template” drop-down box on the right.

Word count: 0 Last edited by admin on November 18, 2020 at 2:59 pm

Publish

Preview Changes

Status: Published [Edit](#)

Visibility: Public [Edit](#)

Published on: Nov 18, 2020 at 14:59 [Edit](#)

[Move to Trash](#) [Update](#)

Page Attributes

Parent: (no parent)

Template: Default template

Order: 0

Need help? Use the Help tab above the screen title.

wp553b 0 + New View Page Howdy, admin

Edit Page Add New

Dashboard

Permalink: http://localhost/wp_553b/dashboard/ Edit

Add Media

Visual Text

Paragraph B I

The **dashboard.php** file will show up as “**dashboard**” in the drop-down box.

Word count: 0 Last edited by admin on November 18, 2020 at 2:59 pm

Publish

Preview Changes

Status: Published [Edit](#)

Visibility: Public [Edit](#)

Published on: Nov 18, 2020 at 14:59 [Edit](#)

[Move to Trash](#) [Update](#)

Page Attributes

Parent: (no parent)

Template: ✓ Default template **dashboard**

Order: 0

Need help? Use the Help tab above the screen title.

wp553b 0 + New View Page Howdy, admin

Edit Page Add New

Page updated. [View page](#)

Dashboard

Permalink: http://localhost/wp_553b/dashboard/ Edit

Add Media

Visual Text

Paragraph B I

After choosing the template. Just save.

Publish

Preview Changes

Status: Published [Edit](#)

Visibility: Public [Edit](#)

Revisions: 2 [Browse](#)

Published on: Nov 18, 2020 at 14:59 [Edit](#)

[Move to Trash](#) [Update](#)

Page Attributes

Parent: (no parent)

Template: **dashboard**

Order



Home Privacy Policy Sample Page Special Page Dashboard

O my friend

Would I could describe these conceptions,
could impress upon paper all that is living so
full and warm within me, that it might be the
mirror of my soul, as my soul is the mirror of
the infinite.

[Take me there](#)

wp553b New View Page Delete Cache Howdy, admin

Dashboard Posts Media Pages All Pages Add New Comments Appearance Plugins Users Tools Settings Collapse menu

Dashboard

Permalink: http://localhost/wp_553b/dashboard/ Edit

Add Media

Visual Text

Paragraph B I

Choose your featured picture as before.

Word count: 0 Last edited by admin on November 19, 2020 at 1:32 am

Publish

Status: Published [Edit](#)

Visibility: Public [Edit](#)

Published on: Nov 18, 2020 at 14:59 [Edit](#)

[Move to Trash](#) [Update](#)

Page Attributes

Parent: (no parent)

Order: 0

Need help? Use the Help tab above the screen title.

Featured image



```

24 </style>
25 </head>
26 <body>
27   <div class="container">
28     <div class="row">
29       <div class="col-xs-12 col-sm-12 col-md-12">
30         <h1>Airtable GetJSON</h1>
31         <div class="card card-body bg-light" style="width:100%; margin-bottom:20px;">
32           <h5>Airtable API Demo</h5>
33           <p id="welcome">Using jQuery getJSON and Airtable API for fun!</p>
34           <p id="demo">Airtable is a wonderful spreadsheet-like database with many useful features for data
modeling and basic analytics.
35           When used with other data visualization libraries, it can be a great tool for rapid prototyping.
36         </div><!-- end well -->
37         <!-- Sign and date the page, it's only polite! -->
38         <div>
39           <button type="button" class="btn btn-success" id='get_data1'>Table</button>
40           <button type="button" class="btn btn-warning" id='get_data2'>Charts</button>
41           <button type="button" class="btn btn-info" id='clear_tables'>Remove</button>
42         </div>
43         <div class="table-responsive">
44           <!--table id="table1" width="100%" class="table table-bordered"-->
45         </div><!-- table responsive -->
46         <div class="table-responsive">
47           <!--table id="table2" width="100%" class="table table-bordered"-->
48         </div><!-- table responsive -->
49         <div class="row">
50           <div class="col-sm-12">
51             <div id="chart"></div>
52           </div>
53         </div>
54         <div class="row">
55           <div class="col-sm-6">

```

Copy all the codes from the div class “row” downward till the end of file.

dashboard.php

```
1 <?php get_header(); ?>
2 <?php if (have_posts()) :
3     while (have_posts()) :
4         the_post();
5         $featured_img_url = wp_get_attachment_url( get_post_thumbnail_id($post->ID), 'thumbnail' );
6         <div style="height:500px;background-image:url('<?php echo $featured_img_url; ?>'); background-size:cover; background-position:center; margin-bottom:20px;">
7             <?php endwhile;
8         endif; ?>
9     </div>
```

Keep the original banner portion.

```
10
11 <div class="py-5">
12 <div class="container">
```

Replace everything with what was copied
from the original dashboard.html codes.

```
13     <div class="row">
14         <div class="col-xs-12 col-sm-12 col-md-12">
15             <?php /**
16             <h1>Airtable GetJSON</h1>
17             <div class="card card-body bg-light" style="width:100%; margin-bottom:20px;">
18                 <h5>Airtable API Demo</h5>
19                 <p id="welcome">Using jQuery getJSON and Airtable API for fun!</p>
20                 <p id="demo">Airtable is a wonderful spreadsheet-like database with many useful features.
21                 When used with other data visualization libraries, it can be a great tool for rapid prototyping.
22             </div><!-- end well -->
23             /**
24             ?>
25             <!-- Sign and date the page, it's only polite! -->
26             <div class='db-buttons'>
27                 <button type="button" class="btn btn-success" id='get_data1'>Table</button>
28                 <button type="button" class="btn btn-warning" id='get_data2'>Charts</button>
29                 <button type="button" class="btn btn-info" id='clear_tables'>Remove</button>
```

```
• dashboard.php
87     </div><!--end row-->
88 </div><!--end container-->
89 </div><!--end py-5-->
90 <br><br>
91 <div class="section" style="background:black;">
92     <div class="container" style="padding: 10px 0 10px 0;">
93         <div class="row">
94             <div class="col-md-3 text-center">
95                 <a><i class="fa fa-2x fa-fw fa-instagram fa-inverse"></i></a>
96             </div>
97             <div class="col-md-3 text-center">
98                 <a><i class="fa fa-2x fa-fw fa-twitter fa-inverse"></i></a>
99             </div>
100            <div class="col-md-3 text-center">
101                <a><i class="fa fa-2x fa-fw fa-facebook fa-inverse"></i></a>
102            </div>
103            <div class="col-md-3 text-center">
104                <a><i class="fa fa-2x fa-fw fa-github fa-inverse"></i></a>
105            </div>
106        </div>
107    </div>
108 </div>
109 <script type="text/javascript" language="javascript" src=<?php bloginfo("template_url") ?>/app.js"
110 <!--script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz0rT
111 <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js" integrity=
112 <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha
113 </body>
114 </html>
```

Table Charts Remove

Please select Destinations Reset

Remove



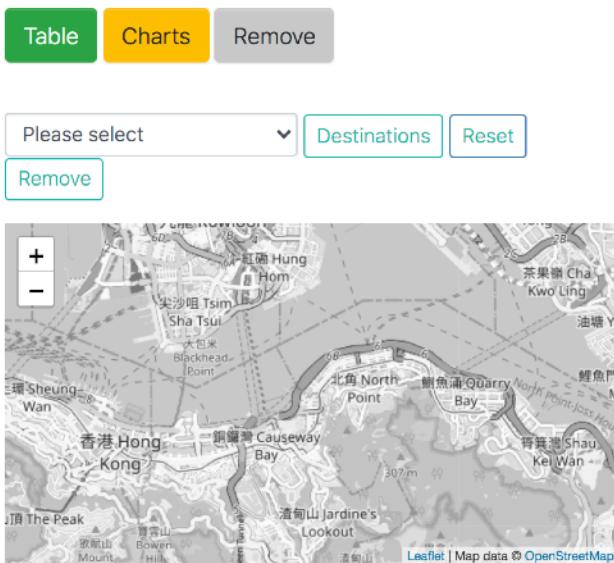
The footer looks inconsistent and has to be further restyled to fix the conflict.



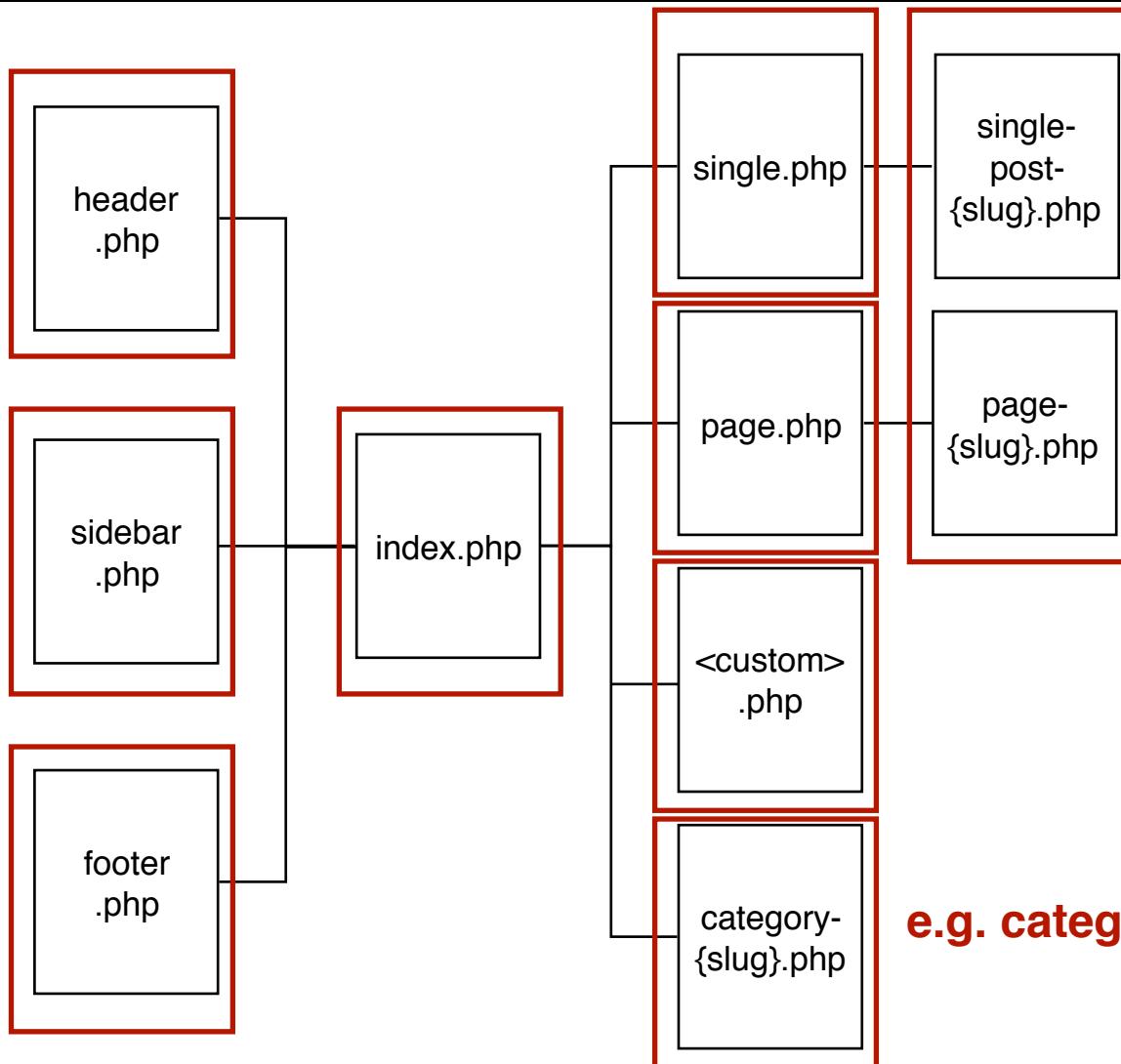
```
dashboard.php
87     </div><!--end row-->
88 </div><!--end container-->
89 </div><!--end py-5-->
90 <br><br>
91 <div class="section" style="background:black; margin-left: -20rem; margin-right: -20rem;">
92     <div class="container" style="padding: 10px 0 10px 0;">
93         <div class="row">
94             <div class="col-md-3 text-center">
95                 <a><i class="fa fa-2x fa-fw fa-instagram fa-inverse"></i></a>
96             </div>
97             <div class="col-md-3 text-center">
98                 <a><i class="fa fa-2x fa-fw fa-twitter fa-inverse"></i></a>
99             </div>
100            <div class="col-md-3 text-center">
101                <a><i class="fa fa-2x fa-fw fa-facebook fa-inverse"></i></a>
102            </div>
103            <div class="col-md-3 text-center">
104                <a><i class="fa fa-2x fa-fw fa-github fa-inverse"></i></a>
105            </div>
106        </div>
107    </div>
108 </div>
109 <script type="text/javascript" language="javascript" src=<?php bloginfo("template_url") ?>/app.js"
110 <!--script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz00rT
111 <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js" integrity=
112 <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha
113 </body>
114 </html>
```

dashboard.php

```
1 <?php get_header(); ?>
2 <?php if (have_posts()) :
3   while (have_posts()) :
4     the_post();
5     $featured_img_url = wp_get_attachment_url( get_post_thumbnail_id($post->ID), 'thumbnail' );
6     <div style="height:500px;background-image:url('<?php echo $featured_img_url; ?>'); background-size: cover;">
7   </?php endwhile;
8 endif; ?>
9 </div>
10
11 <div class="py-5" style="padding-bottom: 0rem !important;">
12 <div class="container">
13   <div class="row">
14     <div class="col-xs-12 col-sm-12 col-md-12">
15       <?php /* 
16       <h1>Airtable GetJSON</h1>
17       <div class="card card-body bg-light" style="width:100%; margin-bottom:20px;">
18         <h5>Airtable API Demo</h5>
19         <p id="welcome">Using jQuery getJSON and Airtable API for fun!</p>
20         <p id="demo">Airtable is a wonderful spreadsheet-like database with many useful features. When used with other data visualization libraries, it can be a great tool for rapid prototyping and data analysis.</p>
21       </div><!-- end well -->
22     */
23     ?>
24     <!-- Sign and date the page, it's only polite! -->
25     <div class='db-buttons'>
26       <button type="button" class="btn btn-success" id='get_data1'>Table</button>
27       <button type="button" class="btn btn-warning" id='get_data2'>Charts</button>
28       <button type="button" class="btn btn-info" id='clear_tables'>Remove</button>
```



List posts by category (e.g. category-favorite.php



e.g. **category-favorite.php**

wp553b 0 + New Delete Cache Howdy, admin

Dashboard Search Categories

Posts

All Posts Add New Categories **Categories** Tags

Media

Pages

Comments

Appearance

Plugins

Users

Tools

Settings

Collapse menu

Add New Category

Name: Favorite

The name is how it appears on your site.

Slug: favorite

The "slug" is the URL-friendly version of the name. It is usually all lowercase and contains only letters, numbers, and hyphens.

Parent Category: None

Categories, unlike tags, can have a hierarchy. You might have a Jazz category, and under that have children categories for Bebop and Big Band. Totally optional.

Description:

The description is not prominent by default; however, some themes may show it.

Add New Category

Bulk actions 1 item

<input type="checkbox"/> Name	Description	Slug	Count
<input type="checkbox"/>	Uncategorized	—	uncategorized 3

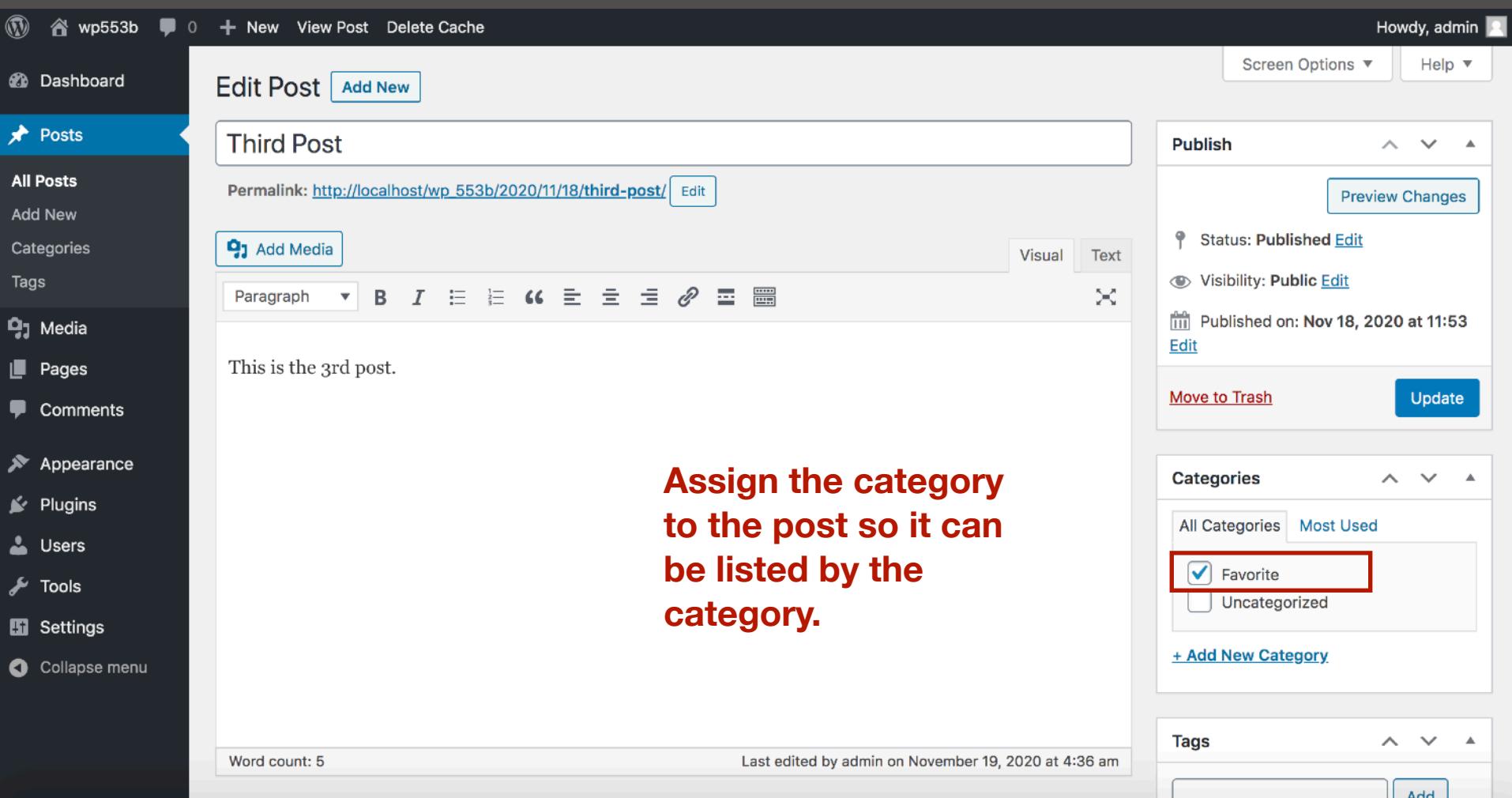
Name Description Slug Count

Bulk actions 1 item

Deleting a category does not delete the posts in that category. Instead, posts that were only assigned to the deleted category are set to the default category Uncategorized. The default category cannot be deleted.

Categories can be selectively converted to tags using the [category to tag converter](#).

Create new post category.



wp553b 0 + New Delete Cache Howdy, admin

Dashboard Posts All Posts Add New Screen Options ▾ Help ▾

All (3) | Published (3) Search Posts

Bulk actions ▾ Apply All dates ▾ All Categories ▾ Filter 3 items

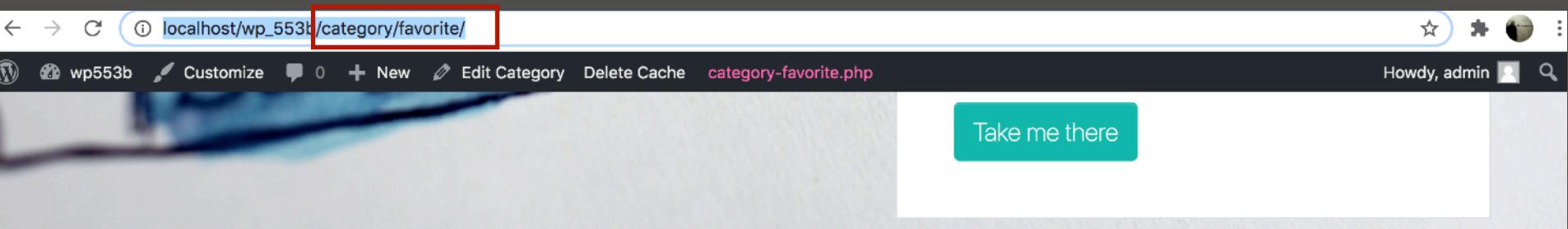
<input type="checkbox"/> Title	Author	Categories	Tags	Date
<input type="checkbox"/> Third Post	admin	Favorite	—	Published 2020/11/18 at 11:53 am
<input type="checkbox"/> Second Post	admin	Favorite	—	Published 2020/11/18 at 6:27 am
<input type="checkbox"/> Hello world!	admin	Uncategorized	1	Published 2020/11/17 at 1:36 pm
<input type="checkbox"/> Title	Author	Categories	Tags	Date

Bulk actions ▾ Apply 3 items

Thank you for creating with [WordPress](#). Version 5.5.3

```
category-favorite.php
1  <?php get_header(); ?>
2  <div style="background-image: url(<?php bloginfo('template_url') ?>/img/halacious-tZc3vjPCk-Q-uns
3   <div class="container">
4     <div class="row">
5       <div class="p-4 bg-white ml-auto col-md-5 border" style="margin:40px 0 40px 0;">
6         <h1>0 my friend</h1>
7         <p class="mb-3">Would I could describe these conceptions, could impress upon paper all th
8           </div>
9         </div>
10      </div>
11    </div>
12    <div class="py-5">
13      <div class="container">
14        <?php
15        if (have_posts()) :
16        while (have_posts()) :
17          the_post(); ?>
18          <a class="hlink" href="php the_permalink(); ?&gt;"&gt;&lt;h1&gt;&lt;?php the_title(); ?&gt;&lt;/h1&gt;&lt;/a&gt;
19          &lt;?php the_content();
20        endwhile;
21      endif; ?&gt;
22    &lt;/div&gt;
23  &lt;/div&gt;
24  &lt;?php wp_footer(); ?&gt;
25 &lt;?php get_footer() ?&gt;</pre
```

**Duplicate the
category-
favourite.php file
from the index.php
file.**



Third Post

This is the 3rd post.

Second Post

Be happy. Stay calm.

**The url with “/category/favorite”
will index and list the posts by
the “favorite” category.**



How About the Menu to Access the Blog Posts and Pages?



Search or jump to...

Pull requests Issues Marketplace Explore

Watch 228 Star 2,629 Fork 1,441

wp-bootstrap / wp-bootstrap-navwalker

Watch

228

Star

2,629

Fork

1,441

Code

Issues 21

Pull requests 8

Projects 2

Wiki

Insights

A custom WordPress nav walker class to fully implement the Twitter Bootstrap 4.0+ navigation style (v3-branch available for Bootstrap 3) in a custom theme using the WordPress built in menu manager. <https://wp-bootstrap.github.io/wp-bo...>

wp-bootstrap-navwalker

walker

bootstrap

wordpress

nav

navigation

twitter-bootstrap

php

wordpress-theme

custom-theme

menus

icons

293 commits

6 branches

12 releases

21 contributors

GPL-3.0

Branch: master ▾

New pull request

Create new file

Upload files

Find file

Clone or download ▾

 pattonwebz Merge pull request #400 from wp-bootstrap/fix/issue/395/typo-in-funct... ...

Latest commit 26a280a on 31 Oct 2018

.github

Create PULL_REQUEST_TEMPLATE.md

2 years ago

bin

plugin test files

2 years ago

tests

Update unit tests to match new function name

3 months ago

2 years ago

<https://github.com/wp-bootstrap/wp-bootstrap/blob/master/LICENSE.txt>

<https://codeclimate.com/github/wp-bootstrap/wp-bootstrap/navwalker/badge/report.html>

<https://github.com/wp-bootstrap/wp-bootstrap-navwalker>

WP Bootstrap Navwalker



A custom WordPress Nav Walker Class to fully implement the Bootstrap 4 navigation style in a custom theme using the WordPress built in menu manager.

NOTES

This is a utility class that is intended to format your WordPress theme menu with the correct syntax and CSS classes to utilize the Bootstrap dropdown navigation. It does not include the required Bootstrap JS and CSS files - you will have to include them manually.

WordPress.org Theme Compliance

This walker is fully compliant with all Theme Review guidelines for wordpress.org theme submission. It requires no modification to be compliant but you can optionally replace the `wp-bootstrap-navwalker` text domain (which appears twice in the `fallback` function) with the text domain of your theme.

UPGRADE NOTES

Between version 3 and version 4 of the walker there have been significant changes to the codebase. Version 4 of the walker is built

Installation

Place `class-wp-bootstrap-navwalker.php` in your WordPress theme folder `/wp-content/your-theme/`

Open your WordPress themes `functions.php` file - `/wp-content/your-theme/functions.php` - and add the following code:

```
// Register Custom Navigation Walker  
require_once get_template_directory() . '/class-wp-bootstrap-navwalker.php';
```

If you encounter errors with the above code use a check like this to return clean errors to help diagnose the problem.

```
if ( ! file_exists( get_template_directory() . '/class-wp-bootstrap-navwalker.php' ) ) {  
    // file does not exist... return an error.  
    return new WP_Error( 'class-wp-bootstrap-navwalker-missing', __( 'It appears the class-wp-bootstrap-  
} else {  
    // file exists... require it.  
    require_once get_template_directory() . '/class-wp-bootstrap-navwalker.php';  
}
```

You will also need to declare a new menu in your `functions.php` file if one doesn't already exist.

```
register_nav_menus( array(  
    'primary' => __( 'Primary Menu', 'THEMENAME' ),  
) );
```

Dashboard Posts Media Pages Comments Appearance Themes Customize Editor Plugins Users Tools Settings Pods Admin Collapse menu

Demo 5940 New Howdy, admin

Edit Themes

com5961: Theme Functions (functions.php)

Selected file content:

```
1 <?php
2
3 add_theme_support('post-thumbnails');
4
5 ?>
```

Only image support

Select theme to edit: com5940 Select

Theme Files

- Stylesheet (style.css)
- Theme Functions (functions.php) **selected**
- css ► about.html
- js ► less ►
- Theme Footer (footer.php)
- Theme Header (header.php)
- Main Index Template (index.php)
- mail ►
- Single Page (page.php)
- Sidebar (sidebar.php)
- Single Post (single.php)
- fonts ►

Update File Get Version 5.0.3

WP wp553b New Delete Cache Howdy, admin

Dashboard Help ▾

Posts

Media

Pages

Comments

Appearance

Themes

Customize

Menus

Theme Editor

Plugins

Users

Tools

Settings

Collapse menu

Edit Themes

Com5961: Theme Functions (functions.php)

Selected file content:

```
1 <?php
2
3 require_once get_template_directory() . '/class-wp-bootstrap-navwalker.php';
4
5 register_nav_menus( array(
6     'primary' => __( 'Primary Menu', 'com5961' ),
7 ) );
8
9 add_theme_support('post-thumbnails');
10
11 ?>
```

Select theme to edit: Com5961 Select

Theme Files

- Stylesheet (style.css)
- Theme Functions (functions.php)**
- TileLayer.Grayscale.js
- app.js
- category-favorite.php
- class-wp-bootstrap-navwalker.php
- dashboard.php
- Theme Footer (footer.php)
- Theme Header (header.php)
- Main Index Template (index.php)
- page-backup.php

Documentation: Function Name... Look Up

Update File

Add menu support

```
header.php
28  </head>
29  <?php wp_footer(); ?>
30  <body>
31      <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
32          <div class="container"> <a class="navbar-brand" href="#">
33              <i class="fa d-inline fa-lg fa-circle-o"></i>
34              <b> BRAND</b>
35          </a> <button class="navbar-toggler navbar-toggler-right border-0" type="button">
36              <span class="navbar-toggler-icon"></span>
37          </button>
38          <div class="collapse navbar-collapse" id="navbar11">
39              <?php
40                  wp_nav_menu( array(
41                      'theme_location' => 'primary',
42                      'depth'           => 2, // 1 = no dropdowns, 2 = with dropdowns.
43                      'menu_class'       => 'navbar-nav mr-auto',
44                      'fallback_cb'     => 'WP_Bootstrap_Navwalker::fallback',
45                      'walker'           => new WP_Bootstrap_Navwalker(),
46                  );
47              ?>
48          </div>
49      </div>
50  </nav>
51
```

Replace the original fixed navigation choice with the WP menu codes to make menu creation dynamic.

wp553b 0 + New Delete Cache Howdy, admin

Dashboard Posts Media Pages Comments Appearance Themes Customize Menus Theme Editor Plugins Users Tools Settings Collapse menu

Edit your menu below, or [create a new menu](#). Don't forget to save your changes!

Add menu items

Pages Posts Custom Links

Categories

Most Used View All Search

Favorite Uncategorized

Select All **Add to Menu**

Menu structure

Menu Name primary **Save Menu**

Drag the items into the order you prefer. Click the arrow on the right of the item to reveal additional configuration options.

Home	Custom Link
Sample Page	Page
Special Page	Page
Privacy Policy	Privacy Policy Page
Dashboard	Page

Menu Settings

Auto add pages Automatically add new top-level pages to this menu

Display location Primary Menu

wp553b 0 + New Delete Cache Howdy, admin

Dashboard Posts Media Pages Comments Appearance Themes Customize Menus Theme Editor Plugins Users Tools Settings Collapse menu

Pages Posts Custom Links Categories

Most Used View All Search

Favorite Uncategorized Select All Add to Menu

Menu Name primary Save Menu

Drag the items into the order you prefer. Click the arrow on the right of the item to reveal additional configuration options.

Home Custom Link

Sample Page Page

Special Page Page

Privacy Policy Privacy Policy Page

Dashboard Page

My Favorite Posts Category

Navigation Label My Favorite Posts

Move Up one Under Dashboard To the top

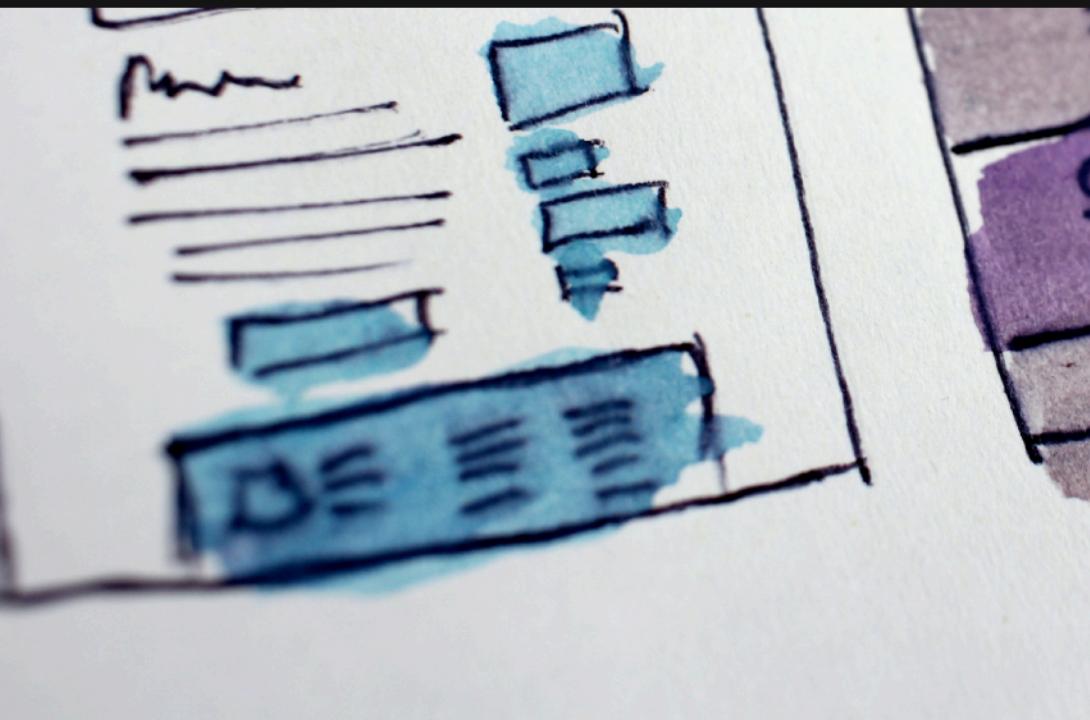
Original: Favorite

Remove | Cancel

The image shows the WordPress admin interface for managing menus. On the left, there's a sidebar with various menu items like Dashboard, Posts, and Appearance. The Appearance section is currently selected. In the main area, there's a sidebar for 'Categories' with options for 'Most Used', 'View All', and 'Search'. Below that is a list of menu items: Home, Sample Page, Special Page, Privacy Policy, Dashboard, and My Favorite Posts. The 'My Favorite Posts' item is highlighted with a red box. It has a 'Category' dropdown set to 'Category'. Below it is a 'Navigation Label' input field containing 'My Favorite Posts', which is also underlined in red. There are buttons for 'Move' (Up one, Under Dashboard, To the top) and 'Original:' (Favorite). At the bottom, there are 'Remove' and 'Cancel' buttons.



Home Sample Page Special Page Privacy Policy Dashboard My Favorite Posts



O my friend

Would I could describe these conceptions,
could impress upon paper all that is living so
full and warm within me, that it might be the
mirror of my soul, as my soul is the mirror of
the infinite.

[Take me there](#)

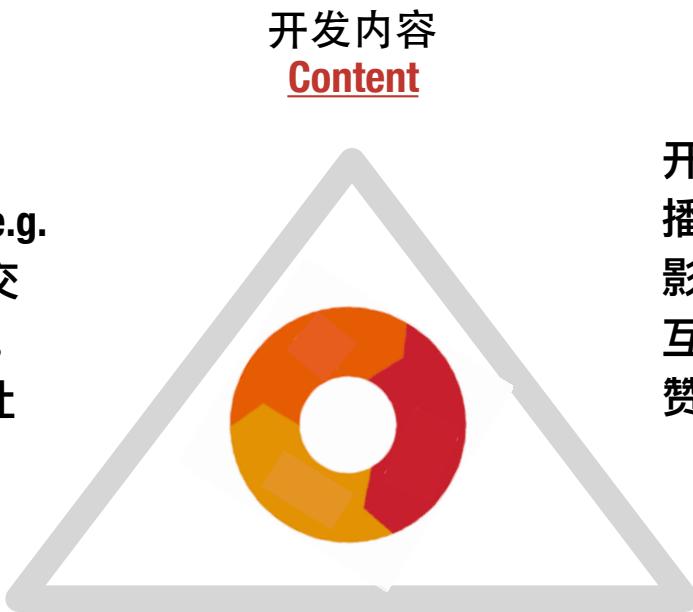
Membership

Internet + 的3C法則

流量增加有助促成网下销售(e.g. 展销会trade-fair)和网上订购交易(e.g. 电子商贸e-commerce)。收入所得可再投放在内容及社群发展

促成交 Commerce

利用社交媒体、KOL、视频、电邮推广，连接公司网站和网下活动，把用户流量由网上推往网下，再由网下活动、单张、QR Code，把用户流量推回网上



开发内容 Content

开发產品/服务及相关的包装和传播内容(e.g.文字、图片、动画及影片)，针对目标社群上载内容互联网，引发别人欣赏、分享和赞助

建立社群 Community

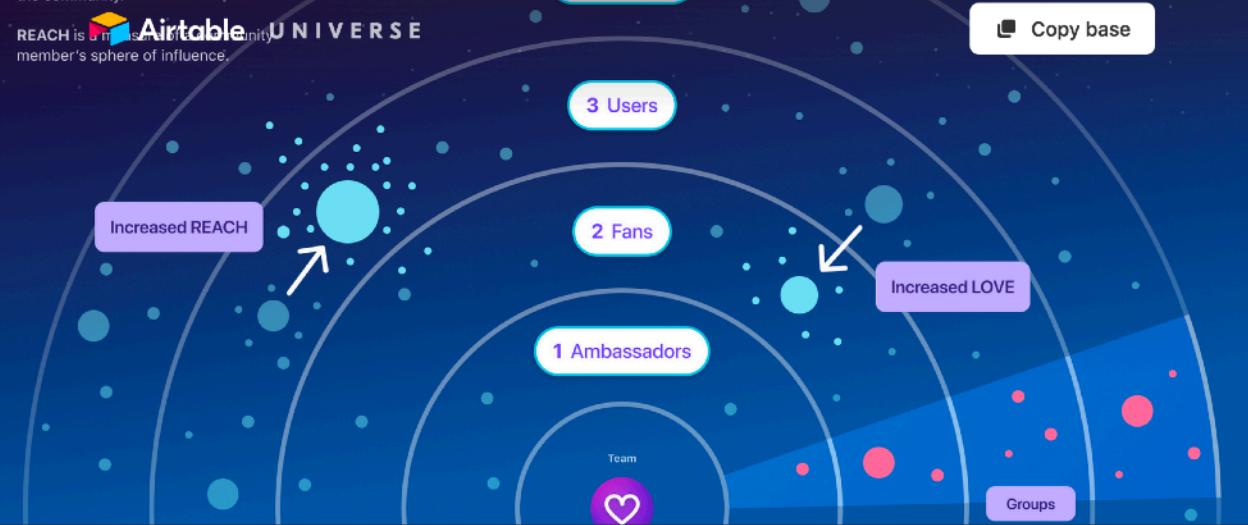
Basic Conversion Cycle

- Visitor (Acquisition)
- Member (Retention)
- Customer (Monetization)

Adding Airtable form with **iframe.**

LOVE is a measure of a member's activity in the community.

REACH is a measure of a member's sphere of influence.



Updated 8 months ago
Copied 62 times

[Tweet](#) [Share](#) [1](#)



Patrick Woods

Community CRM Based on the Orbit Model

#OPERATIONS #MARKETING AND SALES #LOCAL INTEREST

Members

All Members

Grouped by Orbit L...

Grouped by Compa...

Grouped by Location

High Love in San Fr...

Ambassadors and ...

All Fields

Explore the base →

Activity History

All Activities

Grouped by Member

Grouped by Activit...

Activity Types

All Activity Types

Grouped by category

12 hidden fields

<input type="checkbox"/> Name
1 Alexander Hill
2 Michelle Winslow
3 Joshua Taylor
4 Justin Jenkins
5 Eric Wilson
6 Joan Howard
Jacob Johnston
8 Amy Rutherford
9 Kyle Wang
10 Crystal Saldivar
11 Neil Rees
12 Heather Abraham
13 Katherine Powell
14 Pippa Johnston
Daniel Zehra
50 records

<https://airtable.com/universe/expDdB7D8qMQVojpJ/community-crm-based-on-the-orbit-model>

[Home](#)[Solutions](#)[Blog](#)[Careers](#)[About Us](#)[Help](#)

Introducing the Orbit Model Airtable Template

Measure the Love and Reach of your community and visualize the results.



Patrick Woods

March 18, 2020



<https://orbit.love/blog/introducing-the-orbit-model-airtable-template>

Orbit Model Community CRM

HELP ? 🔔 🚙



Members

Activity History

Activity Types



VIEWS

All Members



12 hidden fields

Filter

Group

Sorted by 2 fields

Color



Share view



SHARE

AUTOMATIONS

APPS



Find a view

All Members

Grouped by Orbit Level

Grouped by Company

Use a suggested view ⚡

Grouped by "Location"

	A Name	f Orbit Level Suggest...	f Love	f Reach	f Activity Score	# Twitter
1	Alexander Hill	1 - Ambassadors	10	8	31	
2	Michelle Winslow	1 - Ambassadors	9	10	19	
3	Joshua Taylor	1 - Ambassadors	9	8	9	
4	Justin Jenkins	1 - Ambassadors	9	10	17	
5	Eric Wilson	2 - Fans	8	6	17	
6	Joan Howard	2 - Fans	8	10	17	
7	Jacob Johnston	2 - Fans	7	8	17	
8	Amy Rutherford	2 - Fans	7	10	17	
9	Kyle Wang	2 - Fans	7	10	7	
10	Crystal Saldivar	2 - Fans	6	2	10	
11	Neil Rees	2 - Fans	6	4	19	
12	Heather Abraham	2 - Fans	6	8	6	
13	Katherine Powell	2 - Fans	6	8	6	
14	Pippa Johnston	2 - Fans	6	2	6	

50 records

Sum 217

Avg 7

Sum 361



Members

Activity History

Activity Types



VIEWS

Member Registration



Share form

Open form

Find a view



All Members

Grouped by Orbit Level

Grouped by Company

Grouped by Location

Use a suggested view ✨

Grouped by "Location"

"Location" Kanban

Create a view

Grid



Form



Calendar



Gallery



Kanban



Fields

Twi

A Con

Acti

Drag

+ Add

This form is shared via a private link

People with the private link can only see the empty form. The title of this page is the view name, "Member Registration".

<https://airtable.com/shr8GiPh1r172tyc6>[Upgrade to restrict by password or email domain ✨](#)[Embed this form on your site](#)[Disable shared view link](#)

Add a cover image

tration

Add a description for this form

Name



Embed view

↔ Embed code

Member Registration

Autosize height

Automatically adjust height to fit the form's content

```
<iframe class="airtable-embed" src="https://airtable.com/embed/shr8GiPh1r172tyc6?backgroundColor=cyan" frameborder="0" onmousewheel="" width="100%" height="533" style="background: transparent; border: 1px solid #ccc;"></iframe>
```

Desktop embed preview

Member Registration

Name

Mobile embed preview

Member Registration

Name

wp553b New Toggle Airpress Debugger Howdy, admin

Dashboard Posts Media Pages All Pages Add New Comments Appearance Plugins Users Tools Settings Airpress Collapse menu

Add New Page

Registration Form

Permalink: http://localhost/wp_553b/registration-form/ Edit

Add Media Visual Text

b i link b-quote def ins img ul ol li code more close tags

```
<iframe class="airtable-embed" src="https://airtable.com/embed/shr8GiPh1r172tyc6?backgroundColor=cyan" frameborder="0" onmousewheel="" width="100%" height="533" style="background: transparent; border: 1px solid #ccc;"></iframe>
```

Word count: 0 Draft saved at 8:14:43 am.

Publish

Save Draft Preview

Status: Draft [Edit](#)

Visibility: Public [Edit](#)

Publish immediately [Edit](#)

[Move to Trash](#) Publish

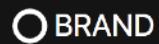
Page Attributes

Parent (no parent)

Template Default template

Order 0

Need help? Use the Help tab above the screen title.



Home Sample Page Special Page Privacy Policy Dashboard My Favorite Posts Registration Form

O my friend

Would I could describe these conceptions,
could impress upon paper all that is living
so full and warm within me, that it might
be the mirror of my soul, as my soul is the
mirror of the infinite.

[Take me there](#)

Making Remote

No-code/Low-

Master the Basics:



Track how many times this page has been viewed.

Member Registration

Name

Location



Members

Activity History

Activity Types



VIEWS

All Members



12 hidden fields

Filter

Group

Sorted by 2 fields

Color



Share view



Find a view



All Members



Grouped by Orbit Level

Grouped by Company

...

Use a suggested view ⚡

Grouped by "Location"



"Location" Kanban



Create a view

Grid



Form



Calendar



Gallery



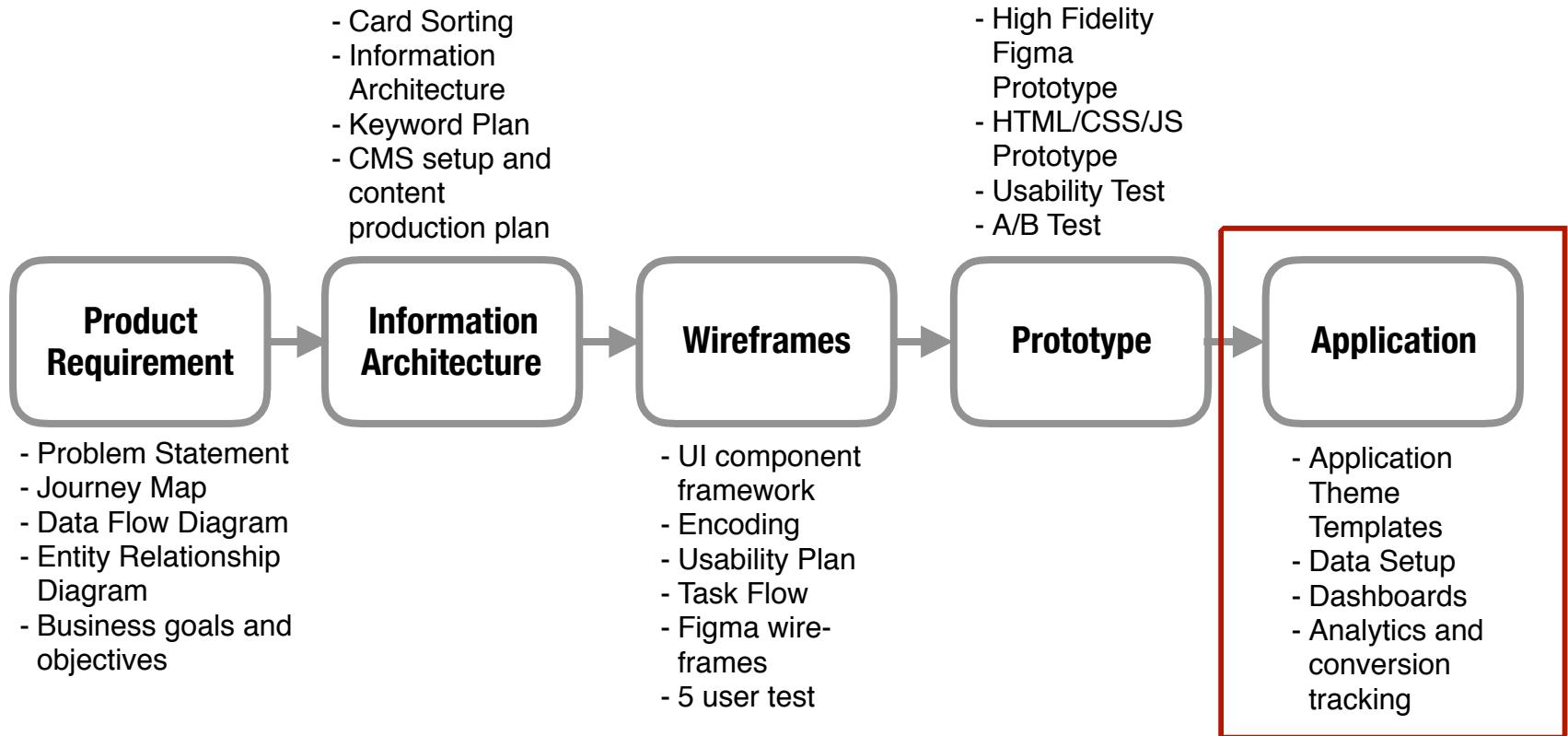
Kanban



	A Name	Company	Location	Member Notes	Email
39	Yonas Boston	tackShare	San Francisco		
40	Ben Schumacher	rickstack	San Francisco		
41	Ricky Manchester	rickstack	San Francisco		
42	Christian Glover	earin	New Delhi		
43	Dylan Cornish	ogozoom	New York		
44	Julian Butler	electric	London		
45	Bernadette Kerr	electric	London		
46	Lisa Marshall	exiqvolax	London		
47	Carl Clarkson	otware	Tokyo		
48	Alison Sharp	tatholdings	Tokyo		
49	Gabrielle Gray	athunicon	Tokyo		
50	Joe Martin	umace	London		
51	Bernard Suen		Hong Kong	Excited to become a new ...	bernard@cuhk.edu.hk

Compare with how many has been submitted.





More Advanced Demo.

Problem Set #9

- a. Based on the usability study result on your low-fidelity prototype, prepare a high-fidelity prototype using Figma.**
- b. Test with 5 new users to obtain feedback on your improved design.**
- c. The Figma prototype will be later converted into HTML/CSS/JS responsive web app for your final project. (<https://designmodo.com/startup>)**

Problem Set #10

- a. Develop a HTML/CSS/JS responsive web app based on previous design preparation, usability studies, and last Figma prototype.**
- b. Use DFD to derive your ER for setting up tables for the app.**
- c. Conduct an A/B Test on the web app using Google Optimize.**
- d. Make sure you set up Google Analytic (GA) Tracking ID before configuring the Google Optimize Container and linking the GA property.**
- e. Install the Google Optimize Chrome and Tag Manager extension for validating GO and TM installation.**

Final Report

- a. Integrate relevant works from your previous assignments into your final project (report + prototype).**
- b. Separate your report into three major sections (requirement, design and test/evaluation) with sub-sections in each for elaborating the development of your ideas from problem definition to solution provision.**
- c. The evaluation sub-section should include recommendations about conducting further development, operation, cost, and market studies (i.e. subjects for next term) to turn the prototype into a minimum viable product (MVP).**

Thank you for your time!