



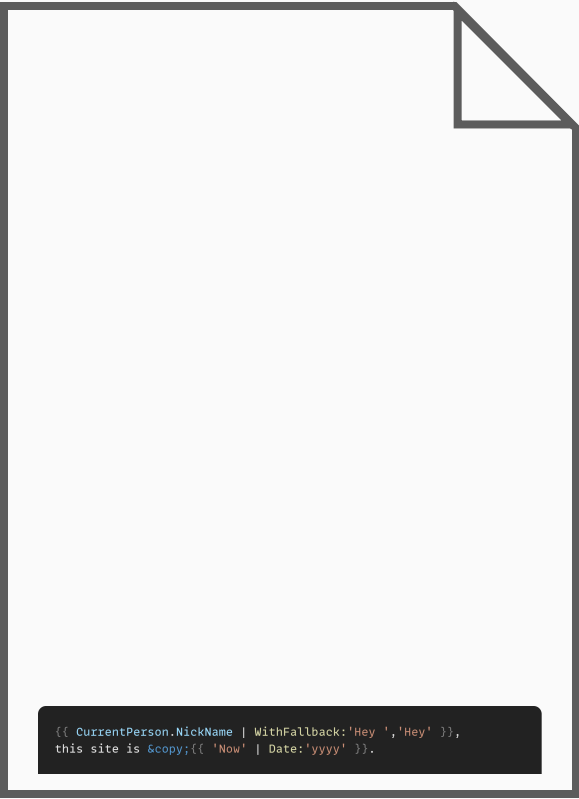
## 14: Lava Shortcodes





```
{{ CurrentPerson.NickName | WithFallback:'Hey ', 'Hey' }},  
this site is &copy;{{ 'Now' | Date:'yyyy' }}.
```

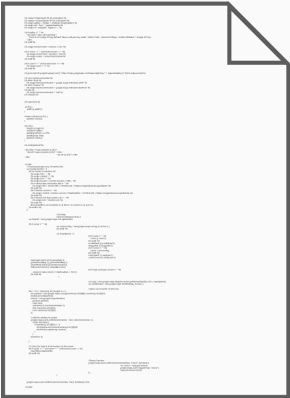
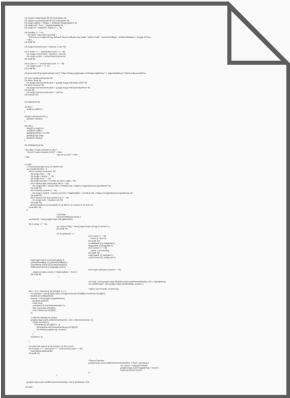
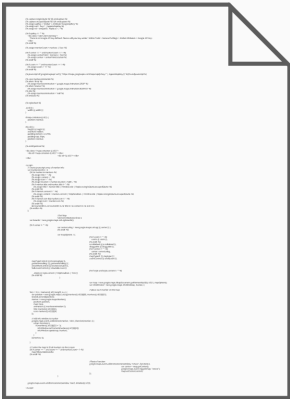
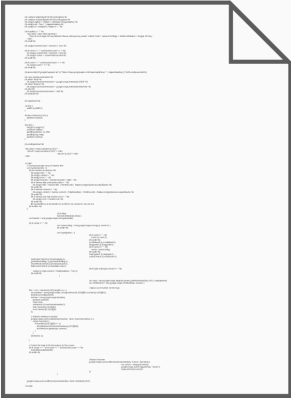
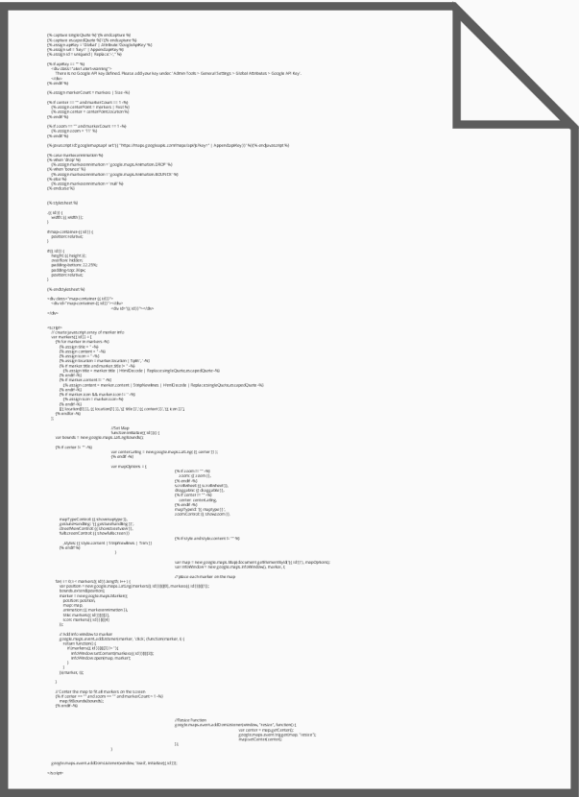
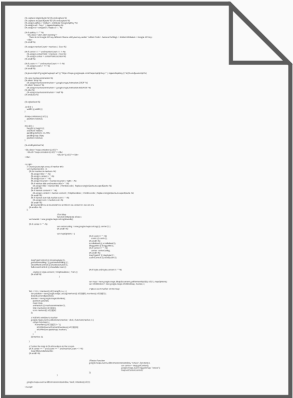
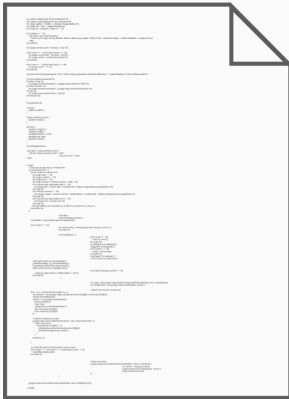
Hey Ted, this site is ©2024



```
{{ CurrentPerson.NickName | WithFallback:'Hey ','Hey' }},  
this site is &copy;{{ 'Now' | Date:'yyyy' }}.
```



```
(( CurrentPerson.NickName | WithFallback:'Hey ','Hey' )),  
this site is &copy;(( 'Now' | Date:'yyyy' )).  
  
{% if CurrentPerson %}  
  {% case ConnectionStatusValue.Value %}  
    {% when 'Member' %}  
      {% if hasEmail %}  
        <p>Let us know if you're not getting our newsletter;  
        it's the best way of keeping up with what's going on!</p>  
      {% else %}  
        <p>Let us know if there's an email address you'd like to  
        use to get our newsletter; it's the best way of keeping  
        up with what's going on around here!</p>  
      {% endif %}  
      <p>We've got a new Groups portal that you've got access to,  
      for connecting with other people in your small group! Check  
      it out today, at <a href="/mygroups">{{ 'Global' |  
      Attribute:'PublicApplicationRoot' }}mygroups</a></p>  
    {% when 'Attendee' %}  
      <p>We're so glad that you've decided to join us- if you have  
      any questions, be sure to come to our next class</p>  
  {% endcase %}  
{% endif %}
```





[illegible]



# Shortcode Syntax

## Inline

`{[ shortcodeName ]}`

## Block

`{[ shortcodeName ]}`

`{[ endshortcodeName ]}`



### **Important Concept**

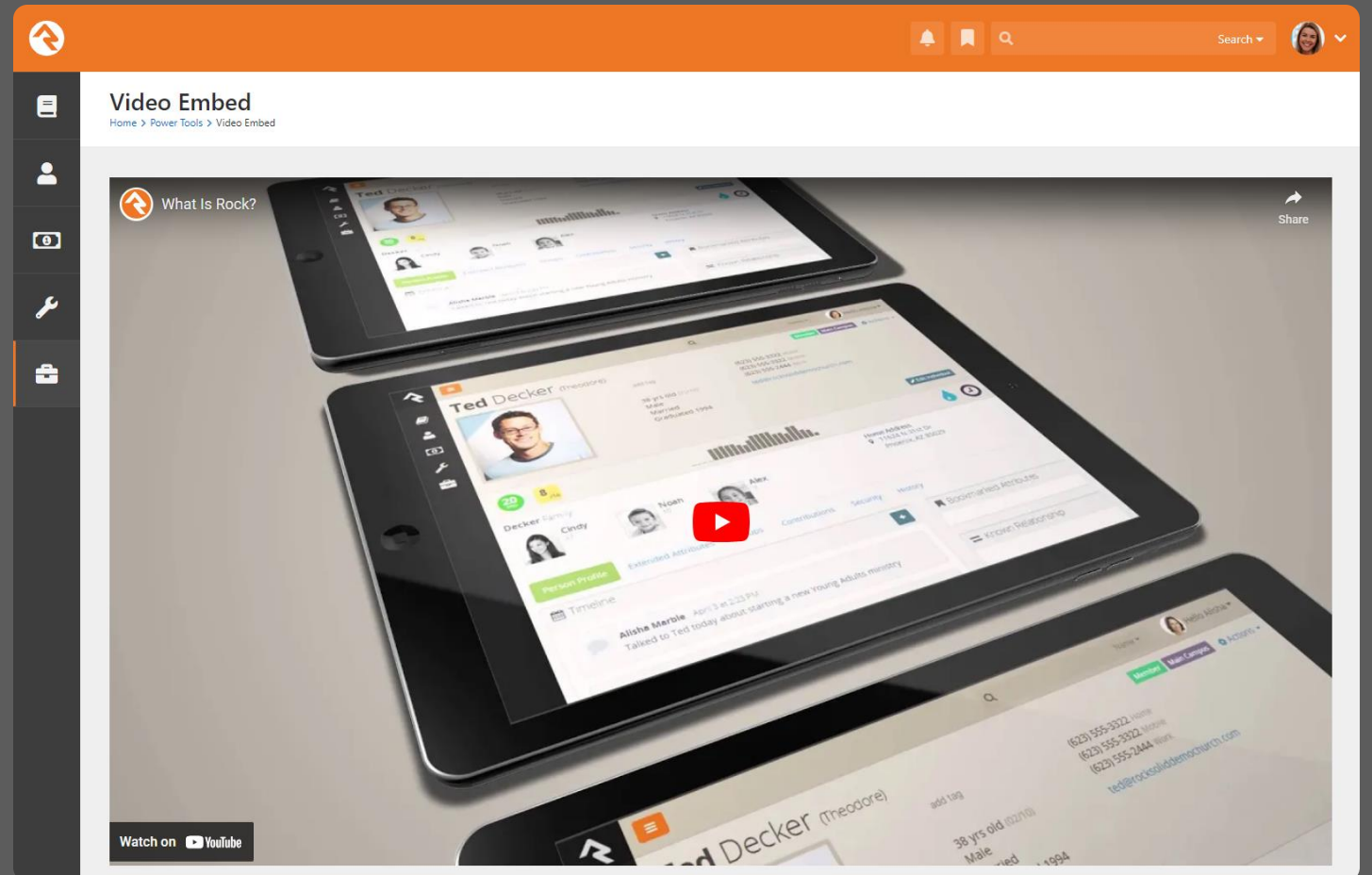
Both styles of shortcode can provide different results, based on parameters you provide





# YouTube

```
1 {[ youtube id:'FZUH2tFM2Zg' ]}
```





```
1  {[ youtube id:'FZUH2tFM2Zg' ]}
```



A parameter

## Shortcode Parameters:

- Shortcode-specific.
- All lowercase.
- Can be assigned defaults.

Parameters ⓘ

id	Value	×
showinfo	false	×
controls	true	×
autoplay	false	×
width	100%	×

+



```
1  [{ youtube id:'FZUH2tFM2Zg' }]
```

Literal: most common and readable.

```
1  {% assign videoId = 'FZUH2tFM2Zg' %}  
2  [{ youtube id:videoId }]
```

Variable: flexible and maintainable.

```
1  {% assign videoList = 'FZUH2tFM2Zg,RefmCE830xE' %}  
2  {% assign videoList = videoList | Split:', ' | Shuffle %}  
3  [{ youtube id:'{{ videoList | First }}' }]
```

Merge Field: Powerful but can be complex to maintain/understand.



# Shortcode Details

Admin Tools > CMS Configuration > Lava Shortcodes

**YouTube**

● Show Details

Creates a responsive YouTube embed from just a simple video id.

SystemWeb


Embedding a YouTube video is easy, right? Well what if you want it to be responsive (adjust with the size of the window)? Or what about control of what is shown in the player? The YouTube shortcode helps to shorten (see what we did there) the time it takes to get a video up on your Rock site. Here's how:

Basic Usage:

```
{[ youtube id:'8kPHK4YIwY4' ]}
```

This will put the video with the id provide onto your page in a responsive container. The id can be found in the address of the YouTube video. There are also a couple of options for you to add:

- **id** (required) – The YouTube id of the video.
- **width** (100%) – The width you would like the video to be. By default it will be 100% but you can provide any width in percentages, pixels, or any other valid CSS unit of measure.
- **showinfo** (false) – This determines if the name of the video and other information should be shown at the top of the video.
- **controls** (true) – This determines if the standard YouTube controls should be shown.
- **autoplay** (false) – Should the video start playing once the page is loaded?



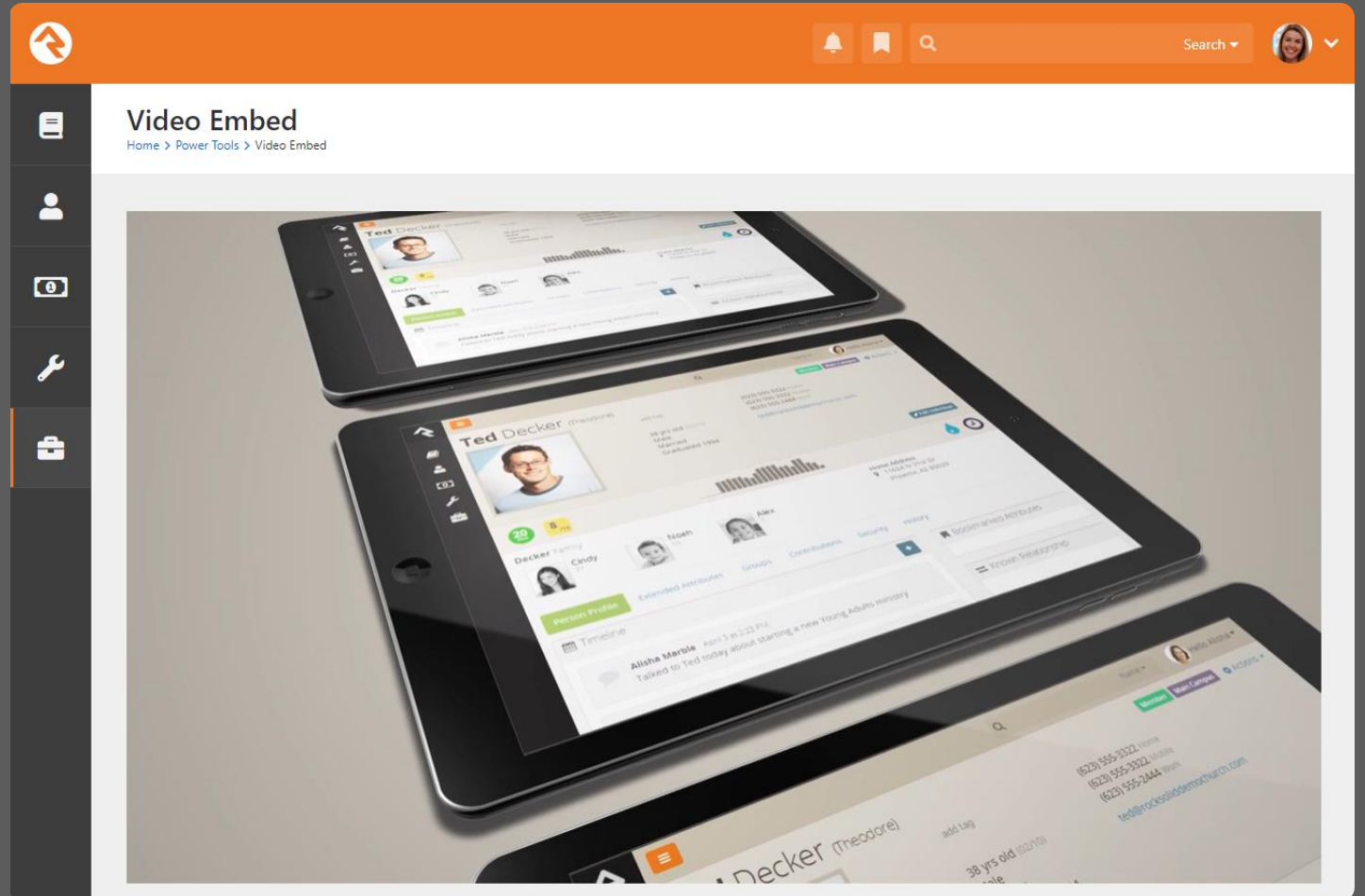
## Be Kind to your Future Self!

When you start creating your own shortcodes, make sure to document them as thoroughly as the core shortcodes are documented.



# YouTube

```
1  {[ youtube id:'FZUH2tFM2Zg' controls:'false' showinfo:'false' ]}
```





# YouTube

```
1 <div class="row">
2   <div class="col-md-6">
3     {[ youtube id:'FZUH2tFM2Zg' ]}
4   </div>
5   <div class="col-md-6">
6     {[ youtube id:'REfmCE830xE' ]}
7   </div>
8 </div>
```

**Video Embed**  
Home > Power Tools > Video Embed

**What Is Rock?** Share

Watch on YouTube

**What Is Rock?** Share

Watch on YouTube

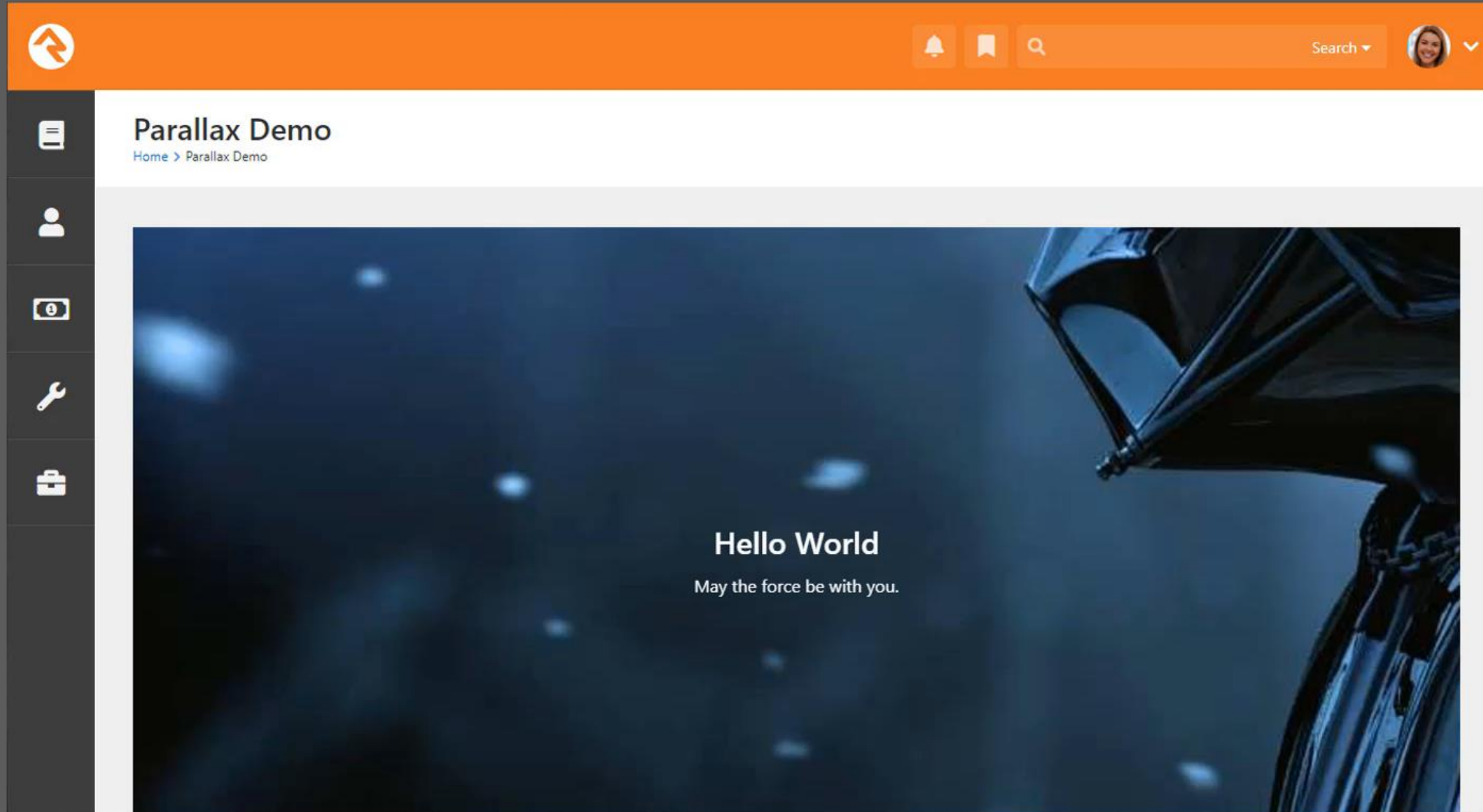


# Block Shortcode: Parallax

```
1  {[ parallax image:'background-image.jpg' ]}  
2    <h1>Hello World</h1>  
3    <p>May the force be with you.</p>  
4  {[ endparallax ]}
```



# Parallax







# Block Shortcode: Google Map

```
1  {[ googlemap ]}
2    [[ marker location:'33.640705,-112.280198' ]]
3      <strong>Spark Global Headquarters</strong>
4      <p>It's not as grand as it sounds.</p>
5      
6    [[ endmarker ]]
7    [[ marker location:'33.52764,-112.262571' ]]
8    [[ endmarker ]]
9  {[ endgooglemap ]}
```



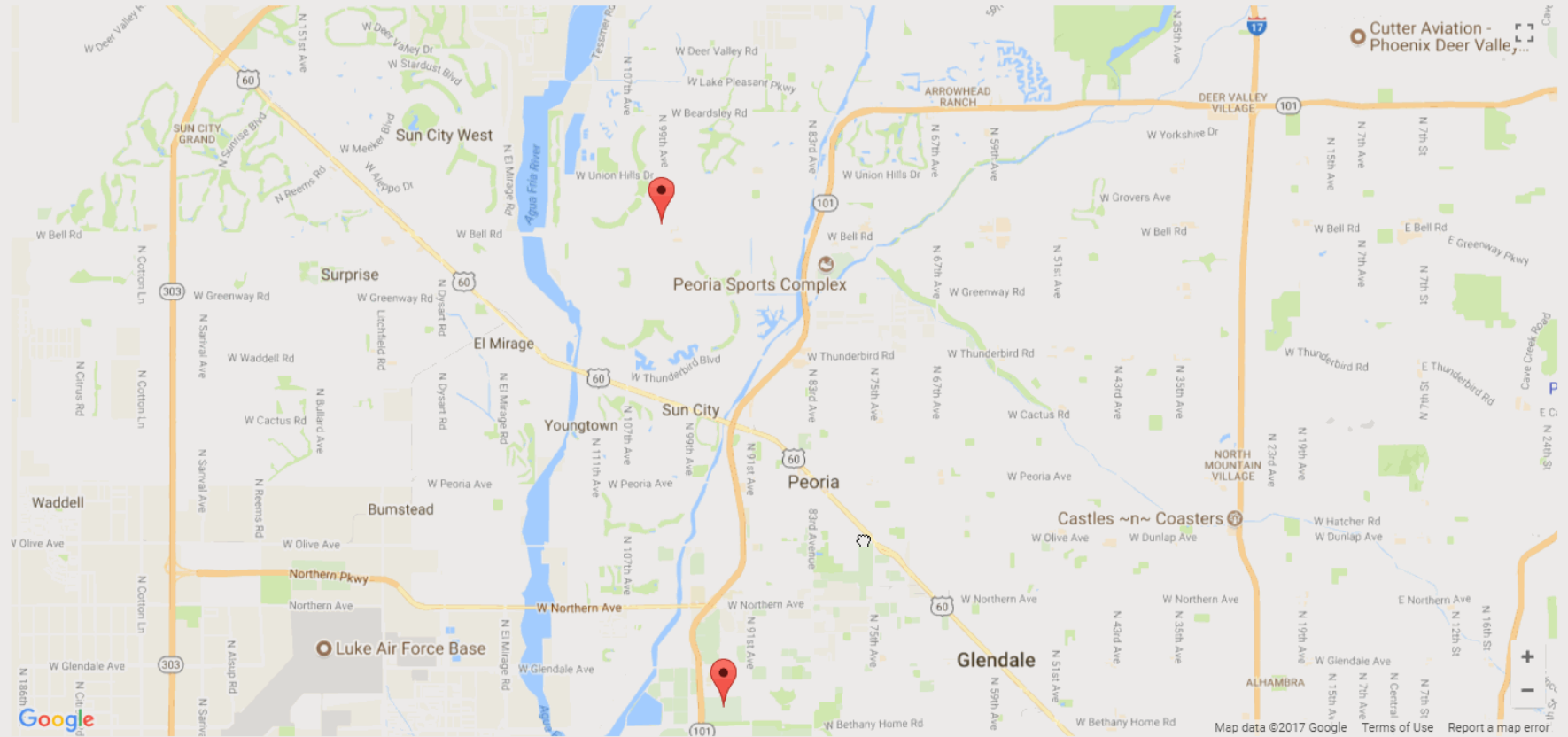
# Block Shortcode: Google Map

```
1  {[ googlemap ]}
2  [[ marker location:'33.640705,-112.280198' ]]
3      <strong>Spark Global Headquarters</strong>
4      <p>It's not as grand as it sounds.</p>
5      
6  [[ endmarker ]]
7  [[ marker location:'33.52764,-112.262571' ]]
8  [[ endmarker ]]
9  {[ endgooglemap ]}
```



# Google Map

## Multiple Markers Map



### Markup

```
{[ googlemap ]}
[[ marker location:'33.640705,-112.280198' title:'Spark Global Headquarters']]
<strong>Spark Global Headquarters</strong><p>
  It's not as grand as it sounds.<br>
  <img src='https://rockrms.blob.core.windows.net/misc/spark-logo.png' width='179' height='47' />
[[ endmarker ]]
[[ marker location:'33.52764, -112.262571']] [[ endmarker ]]
{[ endgooglemap ]}
```



# Panel

```
1 <div class="panel panel-default">
2
3   <div class="panel-heading">
4     <h1 class="panel-title">
5       <i class="fa fa-star"></i>
6       My Content
7     </h1>
8   </div>
9
10  <div class="panel-body">
11    <p>Hello World!</p>
12  </div>
13
14 </div>
```



# Panel

```
1  {[ panel title:'My Content' icon:'fa fa-star' type:'default' ]}  
2    <p>Hello World!</p>  
3  {[ endpanel ]}
```

★ My Content

Hello World!

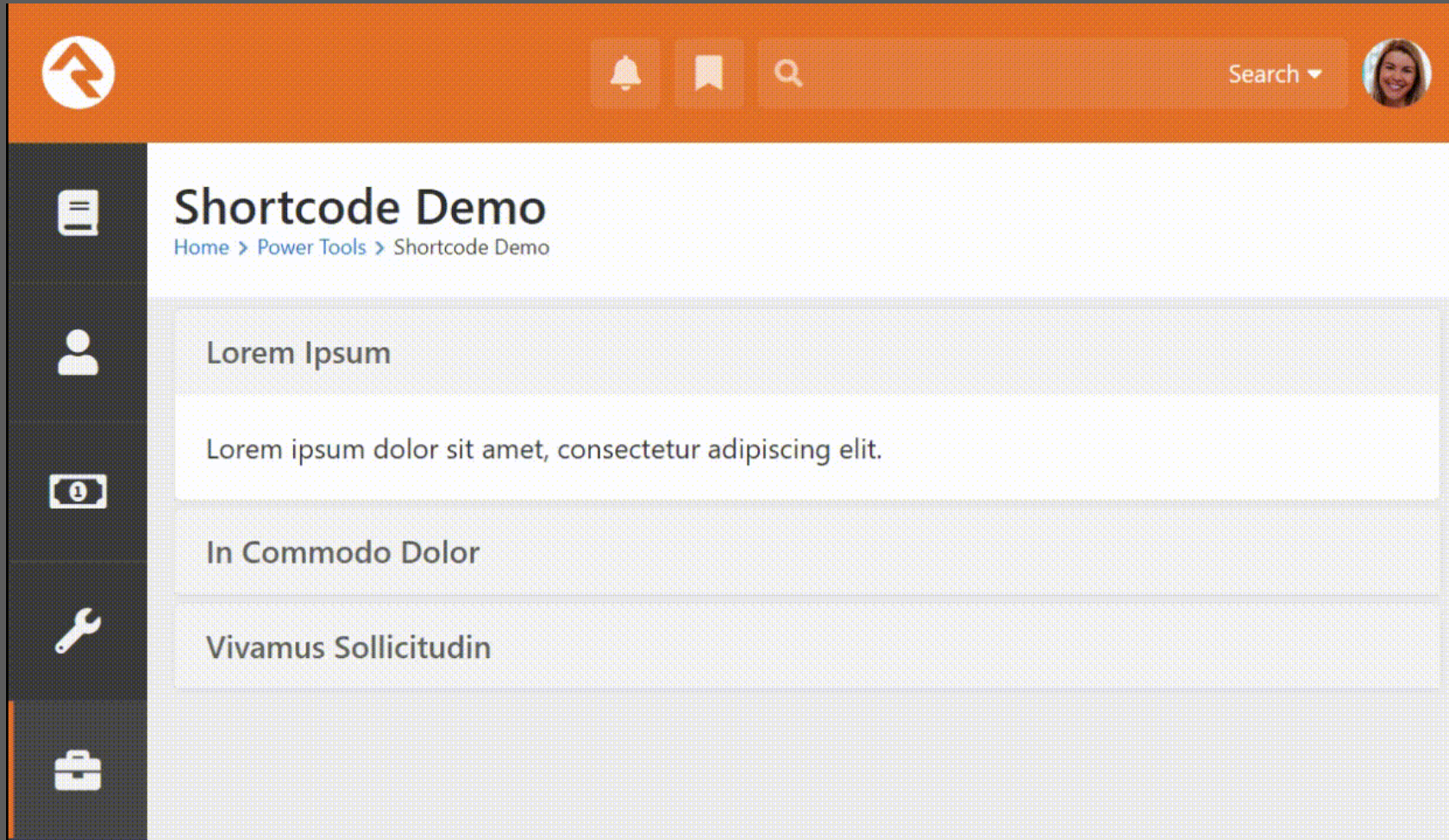


# Accordion

```
1  {[ accordion ]}  
2  
3    [[ item title:'Lorem Ipsum' ]]  
4      Lorem ipsum dolor sit amet, consectetur adipiscing elit.  
5    [[ enditem ]]  
6  
7    [[ item title:'In Commodo Dolor' ]]  
8      In commodo dolor vel ante porttitor tempor.  
9    [[ enditem ]]  
10  
11   [[ item title:'Vivamus Sollicitudin' ]]  
12     Vivamus sollicitudin, leo quis pulvinar venenatis.  
13   [[ enditem ]]  
14  
15  {[ endaccordion ]}
```



# Accordion





# Chart

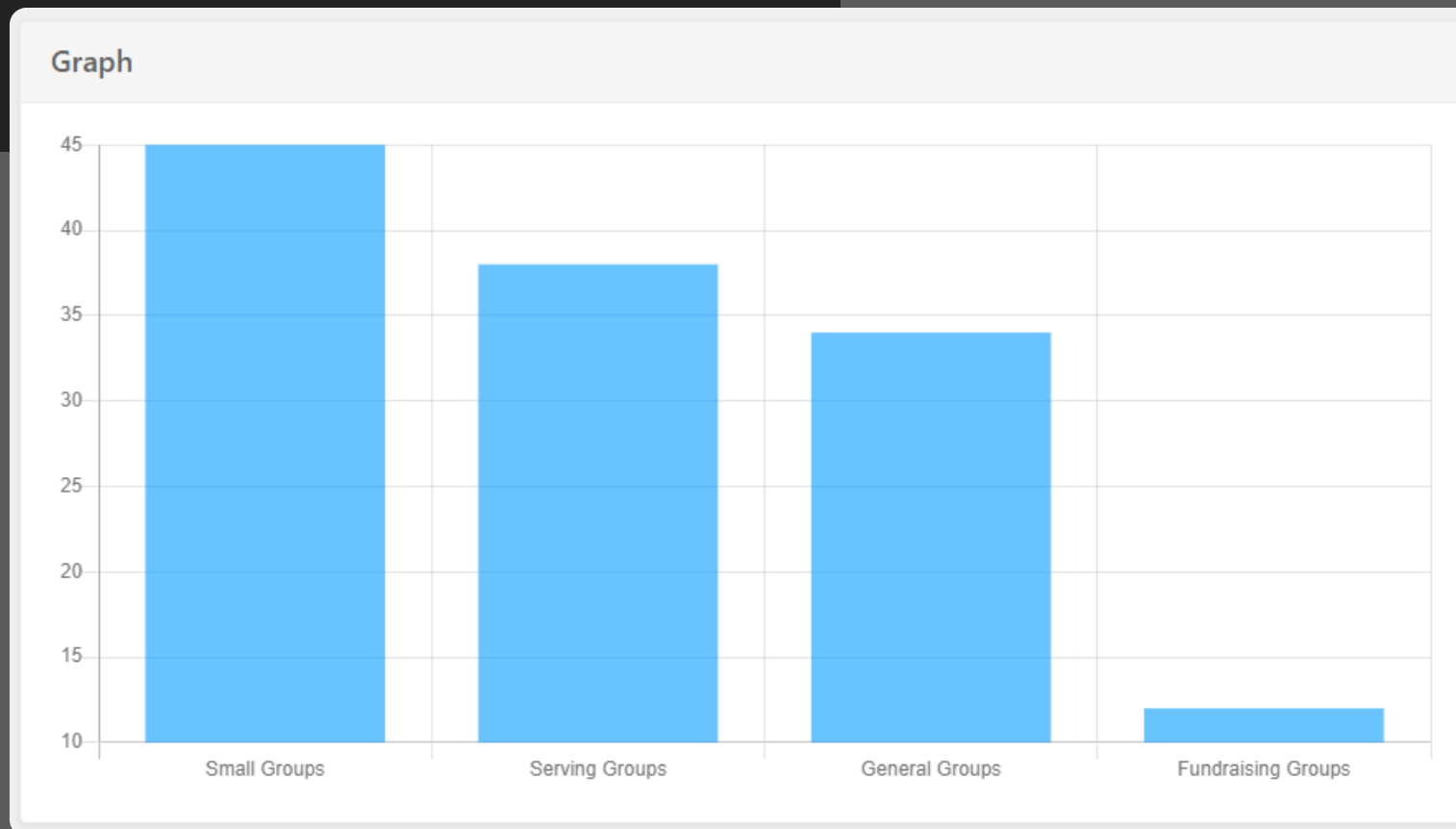
```
1  {[ chart type:'bar' ]}  
2    [[ dataitem label:'Small Groups' value:'45' ]] [[ enddataitem ]]  
3    [[ dataitem label:'Serving Groups' value:'38' ]] [[ enddataitem ]]  
4    [[ dataitem label:'General Groups' value:'34' ]] [[ enddataitem ]]  
5    [[ dataitem label:'Fundraising Groups' value:'12' ]] [[ enddataitem ]]  
6  {[ endchart ]}
```





# Chart

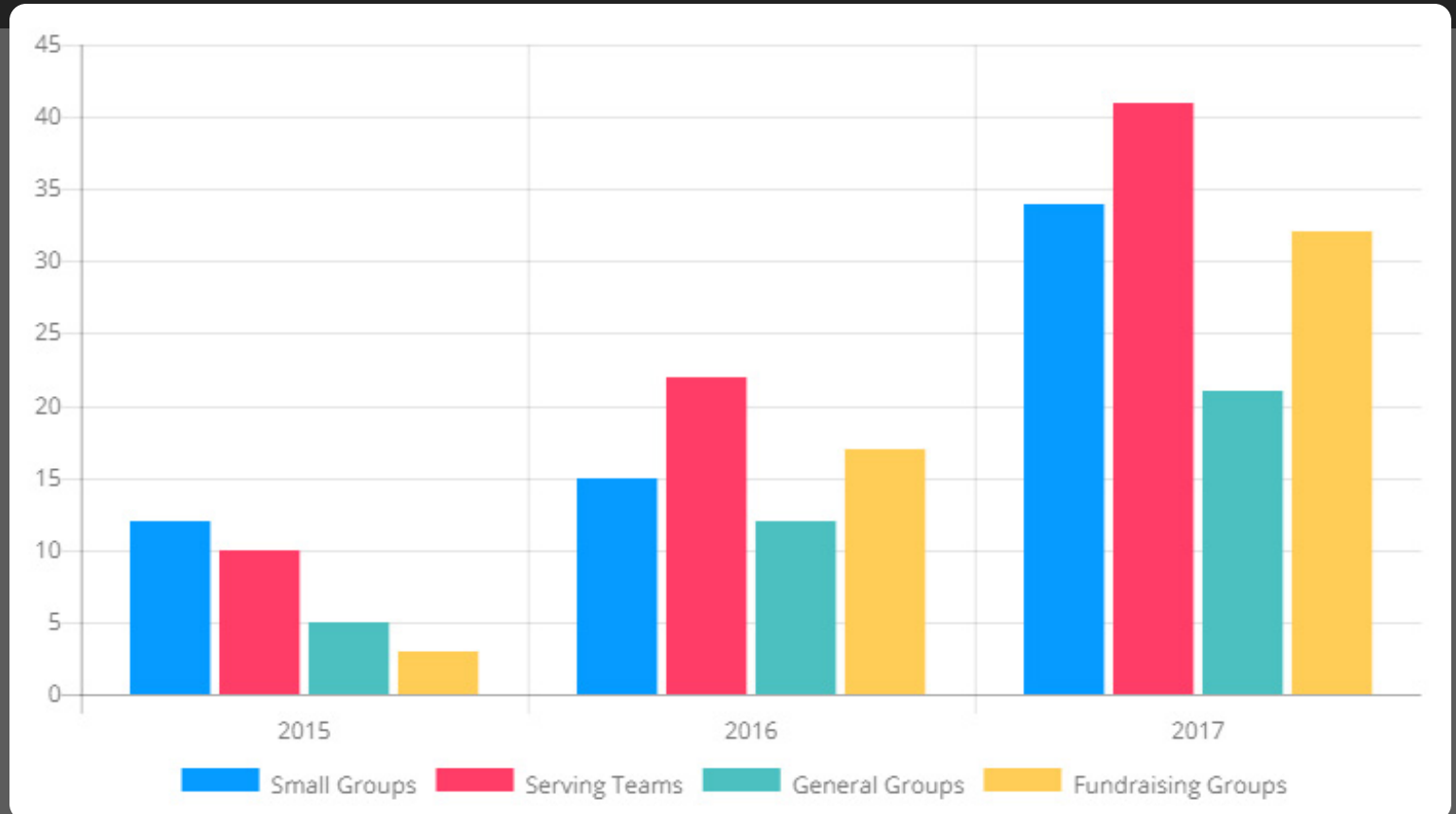
```
1  {[ panel title:'Graph' ]}  
2  
3  {[ chart type:'bar' ]}  
4    [[ dataitem label:'Small Groups' value:'45' ]] [[ enddataitem ]]  
5    [[ dataitem label:'Serving Groups' value:'38' ]] [[ enddataitem ]]  
6    [[ dataitem label:'General Groups' value:'34' ]] [[ enddataitem ]]  
7    [[ dataitem label:'Fundraising Groups' value:'12' ]] [[ enddataitem ]]  
8  {[ endchart ]}  
9  
10 {[ endpanel ]}
```





# Chart

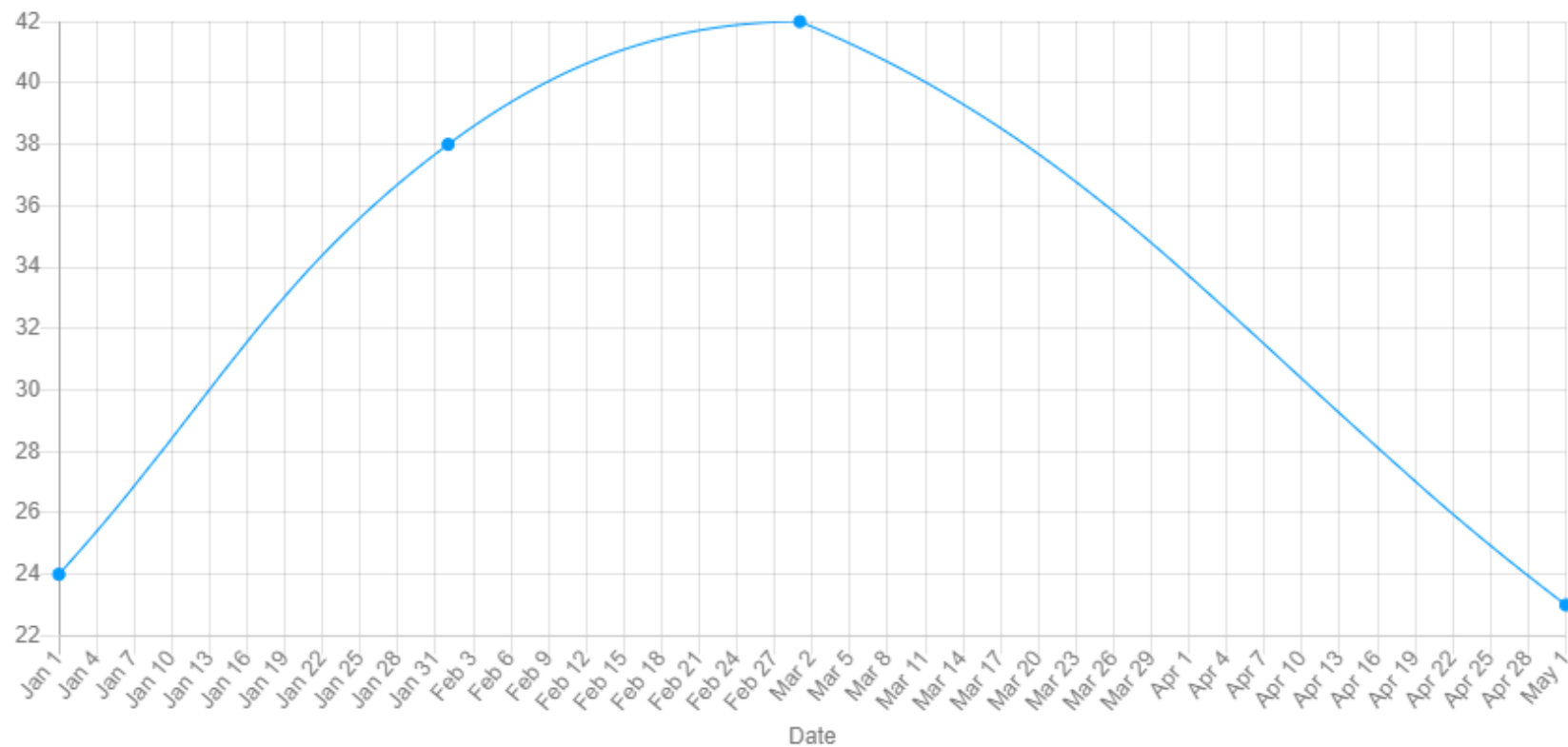
```
1  {[ chart type:'bar' labels:'2015,2016,2017' ]}  
2    [[ dataset label:'Small Groups' data:'12, 15, 34' fillcolor:'#059BFF' ]] [[ enddataset ]]  
3    [[ dataset label:'Serving Teams' data:'10, 22, 41' fillcolor:'#FF3D67' ]] [[ enddataset ]]  
4    [[ dataset label:'General Groups' data:'5, 12, 21' fillcolor:'#4BC0C0' ]] [[ enddataset ]]  
5    [[ dataset label:'Fundraising Groups' data:'3, 17, 32' fillcolor:'#FFCD56' ]] [[ enddataset ]]  
6  {[ endchart ]}
```





# Chart

```
1  {[ chart type:'line' xaxistype:'time' ]}  
2      [[ dataitem label:'1/1/2017' value:'24']] [[ enddataitem ]]  
3      [[ dataitem label:'2/1/2017' value:'38' ]] [[ enddataitem ]]  
4      [[ dataitem label:'3/1/2017' value:'42'  ]] [[ enddataitem ]]  
5      [[ dataitem label:'5/1/2017' value:'23' ]] [[ enddataitem ]]  
6  {[ endchart ]}
```





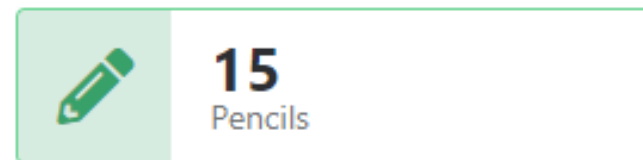
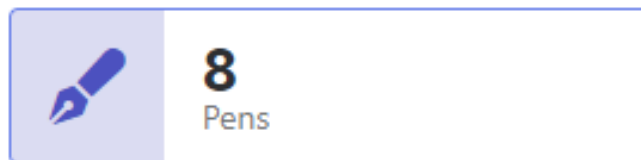
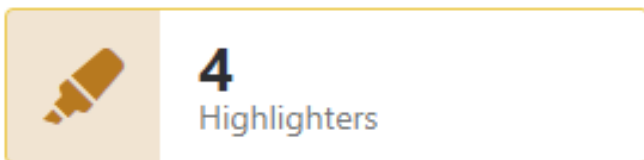
# KPI

```
1  {[kpis]}
2    [[ kpi icon:'fa-highlighter' value:'4' label:'Highlighters' color:'yellow-700' ]][[ endkpi ]]
3    [[ kpi icon:'fa-pen-fancy' value:'8' label:'Pens' color:'indigo-700' ]][[ endkpi ]]
4    [[ kpi icon:'fa-pencil-alt' value:'15' label:'Pencils' color:'green-600' ]][[ endkpi ]]
5  {[endkpis]}
```



# KPI

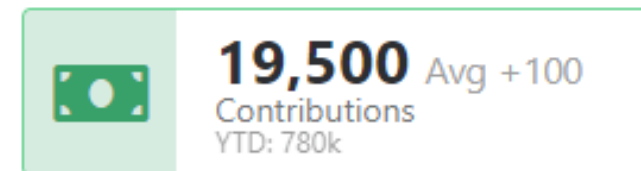
```
1  {[kpis]}
2    [[ kpi icon:'fa-highlighter' value:'4' label:'Highlighters' color:'yellow-700' ]][[ endkpi ]]
3    [[ kpi icon:'fa-pen-fancy' value:'8' label:'Pens' color:'indigo-700' ]][[ endkpi ]]
4    [[ kpi icon:'fa-pencil-alt' value:'15' label:'Pencils' color:'green-600' ]][[ endkpi ]]
5  {[endkpis]}
```





# KPI

```
1  {[kpis]}
2    [[ kpi icon:'fa-user' value:'409' label:'Weekend Attendees' color:'yellow-700' subvalue:'+34 last wk' secondarylabel:'Average: 380' ]][[ endkpi ]]
3    [[ kpi icon:'fa-group' value:'62' label:'Small Groups' color:'indigo-700' subvalue:'95% attendance' secondarylabel:'Goal: 70 this year' ]][[ endkpi ]]
4    [[ kpi icon:'fa-money-bill' value:'19,500' label:'Contributions' color:'green-600' subvalue:'Avg +100' secondarylabel:'YTD: 780k' ]][[ endkpi ]]
5  {[endkpis]}
```





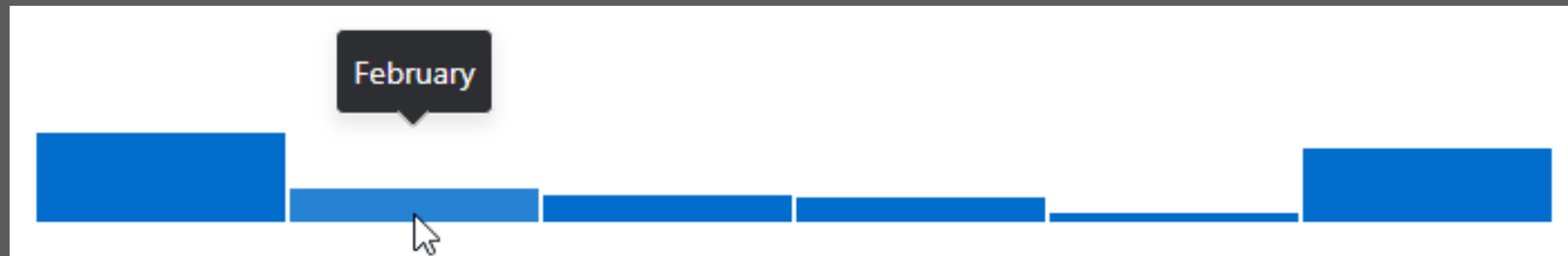
# Trend Chart

```
1  {[ trendchart color:'#006dcc']}  
2      [[ dataitem label:'January' value:'120' ]] [[ enddataitem ]]  
3      [[ dataitem label:'February' value:'45' ]] [[ enddataitem ]]  
4      [[ dataitem label:'March' value:'38' ]] [[ enddataitem ]]  
5      [[ dataitem label:'April' value:'34' ]] [[ enddataitem ]]  
6      [[ dataitem label:'May' value:'12' ]] [[ enddataitem ]]  
7      [[ dataitem label:'June' value:'100' ]] [[ enddataitem ]]  
8  {[ endtrendchart ]}
```



# Trend Chart

```
1  {[ trendchart color:'#006dcc']}  
2      [[ dataitem label:'January' value:'120' ]] [[ enddataitem ]]  
3      [[ dataitem label:'February' value:'45' ]] [[ enddataitem ]]  
4      [[ dataitem label:'March' value:'38' ]] [[ enddataitem ]]  
5      [[ dataitem label:'April' value:'34' ]] [[ enddataitem ]]  
6      [[ dataitem label:'May' value:'12' ]] [[ enddataitem ]]  
7      [[ dataitem label:'June' value:'100' ]] [[ enddataitem ]]  
8  {[ endtrendchart ]}
```







# Word Cloud

```
1  {[ wordcloud ]}  
2    {{ item.Content }}  
3  {[ endwordcloud ]}
```



## Note on this example

For this example, we're pretending that `{{ item.Content }}` contains the entire text of the book of 1 John. You'd be providing your own text or use your own content, most likely.



# Word Cloud

```
1 {[ wordcloud ]}  
2   {[ item.Content ]}  
3 {[ endwordcloud ]}
```





# Viewing Shortcodes

## YouTube

Creates a responsive YouTube embed from just a simple video id.

● Show Details

System

Web

Embedding a YouTube video is easy, right? Well what if you want it to be responsive (adjust with the size of the window)? Or what about control of what is shown in the player? The YouTube shortcode helps to shorten (see what we did there) the time it takes to get a video up on your Rock site. Here's how:

Basic Usage:

```
{[ youtube id:'8kPHK4YIwY4' ]}
```

This will put the video with the id provide onto your page in a responsive container. The id can be found in the address of the YouTube video. There are also a couple of options for you to add:

- **id** (required) – The YouTube id of the video.
- **width** (100%) – The width you would like the video to be. By default it will be 100% but you can provide any width in percentages, pixels, or any other valid CSS unit of measure.
- **showinfo** (false) – This determines if the name of the video and other information should be shown at the top of the video.
- **controls** (true) – This determines if the standard YouTube controls should be shown.
- **autoplay** (false) – Should the video start playing once the page is loaded?





# Viewing Shortcodes

Search ▾

Categories

Web

Shortcode Markup







```
1  {% assign wrapperId = uniqueid %}
2
3  {% assign parts = id | Split:'/' %}
4  {% assign id = parts | Last %}
5  {% assign parts = id | Split:'=' %}
6  {% assign id = parts | Last | Trim %}
7
8  {% assign url = 'https://www.youtube.com/embed/' | Append:id | Append:'?rel=0' %}
9
10 {% assign showinfo = showinfo | AsBoolean %}
11 {% assign controls = controls | AsBoolean %}
12 {% assign autoplay = autoplay | AsBoolean %}
13
14 {% if showinfo %}
15   {% assign url = url | Append:'&showinfo=1' %}
16 {% else %}
17   {% assign url = url | Append:'&showinfo=0' %}
18 {% endif %}
19
20 {% if controls %}
21   {% assign url = url | Append:'&controls=1' %}
22 {% else %}
23   {% assign url = url | Append:'&controls=0' %}
24 {% endif %}
25
26 {% if autoplay %}
27   {% assign url = url | Append:'&autoplay=1' %}
28 {% else %}
29   {% assign url = url | Append:'&autoplay=0' %}
30 {% endif %}
31
32 <style>
33
34 #{{ wrapperId }} {
35   width: {{ width }};
36 }
37
38 .embed-container {
39   position: relative;
40   padding-bottom: 56.25%;
41   height: 0;
42   overflow: hidden;
43   max-width: 100%;
```






Parameters

**id:**  
**showinfo:** false  
**controls:** true  
**autoplay:** false  
**width:** 100%



# Creating Custom Shortcodes






## Lava Shortcodes

[Home](#) > [CMS Configuration](#) > [Lava Shortcodes](#)

Lava Shortcodes



☐ Show Inactive

All Shortcodes ▾

### Accordion

Allows you to easily create a Bootstrap accordion control.

☐ Show Details

SystemGeneral

### AI Completion (Experimental)

Processes a completion using a AI provider. The APIs that are called by this shortcode can be slow. It's recommended that they not be used on public facing websites. They're better used in back-end or batch processes.

☐ Show Details






SystemAI






### Chart

☐ Show Details



# Creating Custom Shortcodes






## Lava Shortcode Detail

[Home](#) > [CMS Configuration](#) > [Lava Shortcodes](#) > [Lava Shortcode Detail](#)














### Add Lava Shortcode

Name *	Active
<input type="text"/>	<input checked="" type="checkbox"/>
Tag Name ⓘ *	Tag Type ⓘ
<input type="text"/>	<input type="radio"/> Inline <input type="radio"/> Block
Categories	
<div> ▼</div>	
Description	
<div><div></div></div>	



# Creating Custom Shortcodes

Documentation ⓘ

</> B I S  A ▼            

Shortcode Markup •

1 |

Shortcode Markup 





# Creating Custom Shortcodes

```
1 <a href="{{ url }}" class="btn btn-{{ type }}">{{ action }}</a>
```

**Name** •

Link Button

**Active**

☒

**Tag Name** i •

linkbutton

**Tag Type** i •

☒ Inline ☐ Block

**Parameters** i

url	Value	×
type	primary	×
action	Submit	×

+



# Your Custom Shortcode

```
1 <p>You should really check out community.rockrms.com!</p>  
2 {[ linkbutton url:'https://community.rockrms.com' action:'Go Now!' ]}
```

You should really check out community.rockrms.com!

**Go Now!**



# Combining Lava Tools

```
1  {[ googlemap ]}  
2    {% group where:'GroupId == "25"' %}  
3      {% for group in groupItems %}  
4        {% assign locationCount = group.GroupLocations | Size %}  
5        {% if locationCount > 0 %}  
6          {% assign place = group.GroupLocations | First %}  
7  
8          [[ marker location:'{{ place.Location.Latitude }},{{ place.Location.Longitude }}' ]]  
9            {{ group.Name }}  
10         [[ endmarker ]]  
11  
12         {% endif %}  
13       {% endfor %}  
14     {% endgroup %}  
15  {[ endgooglemap ]}
```



# Map From Group Entity Command

