

Embedding SitePal in JS Frameworks React & Angular

3/11/2021

To embed your SitePal Scene in React or Angular, you will need to -

a. Copy your Scene's embed code & modify the 'context' parameter, from 0 to 1. The context parameter is the 10th parameter in the Embed function. See API reference document, 'About the Embed Code' section, for more detail.

b. Use the below specified syntax in order to load SitePal into your page or page component. The segments marked in **bold** below should be replaced by relevant segments from your own Scene's embed code.

See below separate source code examples for React & Angular.

I. Loading SitePal into your React Component

Add the following wrapper around the embed function (note: context parameter in **red**).

```
import { useEffect } from 'react';
function TwoD() {
  useEffect(() => {
    function loadEmbedFile(){
      var sc = document.createElement('script');
      sc.type = "text/javascript";
      sc.src = "//vhss-d.oddcast.com/vhost_embed_functions_v4.php?acc=XXXXX&js=0";
      sc.onload = function(){
        callEmebedFunction();
      }
      document.head.appendChild(sc);
    }
    function callEmebedFunction(){
      var script = document.createElement('script');
      script.type = "text/javascript";
      script.innerHTML = 'AC_VHost_Embed(XXXXX,300,400,"00000",1,1,YYYYY,0,1,1,"ZZZZZ",0)';
      document.getElementById('embed').appendChild(script);
    }
    const scripts = document.head.getElementsByTagName('script');
    if(scripts.length > 0){
      var alreadyAdded = false;
      for(var i = 0; i < scripts.length;i++){
        if(scripts[i].src.includes("vhost_embed_functions_v4.php")){
          alreadyAdded = true;
          callEmebedFunction();
        }
      }
    }
  });
}
```

```

        }
        if(scripts.length === i+1 && !alreadyAdded){
            loadEmbedFile();
        }
    }
}
else{
    loadEmbedFile();
}
},[]);
return (
    <div id="embed" className="Comment">
    </div>
);
}
export default TwoD;

```

React Example: <https://www.sitepal.com/api/examples/react/index.html>

Example Source Code: available for download at bottom of example page.

II. Loading SitePal into your Angular Component

Add the following wrapper around the embed function (note: context parameter in **red**).

```

import { Component, OnInit, Renderer2, ElementRef, Inject } from '@angular/core';
import { DOCUMENT } from '@angular/common';

@Component({
  selector: 'app-two-d',
  templateUrl: './two-d.component.html',
  styleUrls: ['./two-d.component.css']
})
export class TwoDComponent implements OnInit {
  constructor(@Inject(DOCUMENT) private _document: Document, private elementRef: ElementRef, private
  renderer: Renderer2) {
  }
  ngOnInit(): void {
    var that = this;
    function loadEmbedFile() {
      var sc = that.renderer.createElement('script');
      sc.type = "text/javascript";
      sc.src = "//vhss-d.oddcast.com/vhost_embed_functions_v4.php?acc=XXXXXX&js=0";
      sc.onload = function () {
        callEmbedFunction();
      }
      document.head.appendChild(sc);
    }
    function callEmbedFunction() {

```

```

let div = that.elementRef.nativeElement.querySelector("#character");
div.innerHTML = "";
let script = that.renderer.createElement('script');
script.type = 'text/javascript';
script.text = "AC_VHost_Embed(XXXXX,300,400,"00000",1,1,YYYYY,0,1,1,"ZZZZZ",0)";
that.renderer.appendChild(div, script);
}
const scripts = this._document.head.getElementsByTagName('script');
if (scripts.length > 0) {
  var alreadyAdded = false;
  for (var i = 0; i < scripts.length; i++) {
    if (scripts[i].src.includes("vhost_embed_functions_v4.php")) {
      alreadyAdded = true;
      callEmbedFunction();
    }
    if (scripts.length === i + 1 && !alreadyAdded) {
      loadEmbedFile();
    }
  }
}
else {
  loadEmbedFile();
}
}
}

```

Angular Example: <https://www.sitepal.com/api/examples/angular/index.html>

Example Source Code: available for download at bottom of example page.