

# Embedding SitePal in JS Frameworks

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

a. Copy your Scene's embed code & modify the 'context' parameter, from 0 to 1. The context parameter is the 10<sup>th</sup> 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** in the code below should be replaced by relevant segments from your own SitePal Scene's embed code.

See at the end of each section links to working examples for each framework. Each example contains a download link for the source code for that example.

Note: if you are looking for instructions for using SitePal in *React-Native*, please check the support page for separate information.

## 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,"000000",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;
            callEmbedFunction();
        }
        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 () {
      callEmebedFunction();
    }
    document.head.appendChild(sc);
  }
  function callEmebedFunction() {
    let div = that.elementRef.nativeElement.querySelector('#character');
    div.innerHTML = "";
    let script = that.renderer.createElement('script');
    script.type = 'text/javascript';
    script.text = "AC_VHost_Embed(XXXXXX,300,400,"000000",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;
        callEmebedFunction();
      }
      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.

### III. Loading SitePal into your Vue Component

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

```

<template>
  <div>
    <div id="embed" class="Comment"></div>
  </div>
</template>
<script>
  export default {
    name: 'TwoDchar',
    props: {
      msg: String
    },
    data: () => ({
    }),
  },

```

```
mounted() {
  let embedScript = document.createElement('script');
  embedScript.onload = function()
  {
    var script = document.createElement('script');
    script.type = "text/javascript";
    script.innerHTML = 'AC_VHost_Embed(XXXXX,600,800,"",1,1,YYYYY,0,1,1,ZZZZZ,0)';
    document.getElementById('embed').appendChild(script);
  };
  embedScript.setAttribute('src', 'https://vhss-d.oddcast.com/vhost_embed_functions_v4.php?acc=XXXXX&js=0');
  document.head.appendChild(embedScript);
},
methods: {
}
}
</script>
<style lang="scss">
</style>
```

**Vue Example:** <https://www.sitepal.com/api/examples/vue/index.html>

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