

Now we can add snippet code which is gist from gist.github.com to embedded a gist script into a blog such as:

```
<script src="https://gist.github.com/thomasalvatran/1ac0d12be6400d1577627b58fd5997fc.js"></script>
```

However, there is not an easy way to embed the source code github.com as we know that

Gist: Gist is a simple way to share code snippets and pastes with others. It is used when you need to share a sample piece of code or technique with your co-workers or friends.

GitHub GitHub, on the other hand, provides a platform to share an entire project as a repo among a team(private repo) or to the whole world(public repo).

Gist is support from Github a script is generated when a gist is created automatic but not for github source code. There is a gist-it.appspot.com/ tool to encapsulate a github link.

```
<script src="http://gist-it.appspot.com/github.com/thomasalvatran/Apr2016/blob/master/smartpointer18.cpp"></script>
```

This project is about auto make it when user copies a github link it will encapsulate and display a source code page from github. This has been explained in my [blog](#).

<https://github.com/thomasalvatran/Apr2016/blob/master/smartpointer18.cpp>

Convert

The document.execCommand() method is not supported in IE8 and earlier.

Gist:

```
<script src = "http://gist-it.appspot.com/github.com/thomasalvatran/Apr2016/blob/master/smartpointer18.cpp"></script>
```

Url Encoder/Decode:

```
%26lt%3Bscript%20src%20%3D%20%22http%3A%2F%2Fgist-it.appspot.com%2Fgithub.com%2Fthomasalvatran%2FApr2016%2Fblob%2Fmaster%2Fsmartpointer18.cpp%22%3E%26lt%3B%2Fscript%3E
```

```
#include <iostream>
#include <string>
#include <vector>
#include <memory>
#include <algorithm>
```

It seems easy and straight forward but noone does it yet from the questions from [stack overflow](#) and it is not easy we need to convert the whole github repo. As the existing gist script is inserted into the blog must be in line with the rest of your content; but, if this script is loaded after DOM-Ready, the calls to document.write() will actually erase the contents of currently rendered HTML page. Gist embed JavaScript is not executed after page load. A normal script such as `<script> alert("Hello")</script>` will execute but this gist script will show error on the console as:

"Execute write on doc: It isn't possible to write into a document from an asynchronously-loaded external script unless it is explicitly opened"

There are number of suggesting:

1. Create a plugin to modify document.write(). [Ref. 1](#)
2. Resize iframe causes the page to reload. [Ref. 2](#)
3. Using github API but it is only currently support for Gist [Ref. 3](#)
4. Using eval() it is ok with normal script [Ref. 4](#)

I am using AJAX callback function it is based on normal thing to do when execute the code from outside. It required PHP because of \$_GET[], we can use POST or GET for this. When you click on convert it will do regex and wrap the link then goes to *submitForm(msg)*

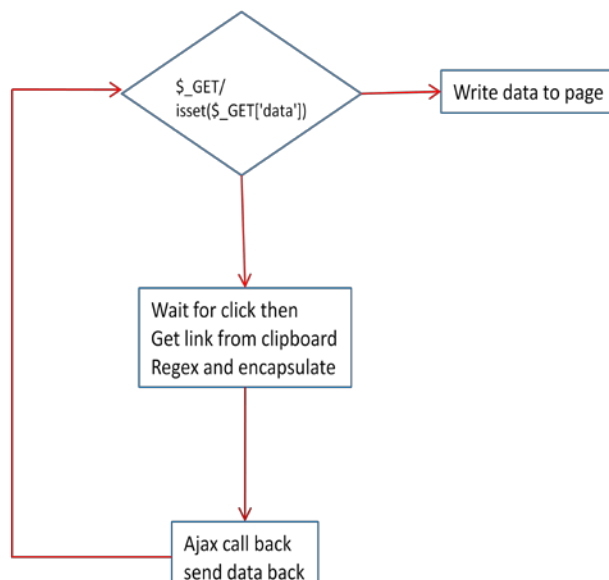
```
function submitForm(msg) {

$.ajax({
  //url: 'GithubtoGist.php',
  url: 'wp-content/themes/tovantran_test/js/GithubtoGist.php',
  dataType: "html",
  async: true,
  type: 'GET',
  data: { data: msg },
  success: function (msg) {
    var iframeDocument = document.getElementById('git_frame').contentDocument;
    iframeDocument.open();
    iframeDocument.write(msg);
    iframeDocument.close();
    document.getElementById("git_frame").innerHTML = msg; //write script not working
  }
});
}
```

Please note I implemented in Wordpress so <?php becomes [insert_php] with plugin, this will go to PHP module as indicated from there we can get data by \$_GET, we echo to iFrame with id = "git_frame"

```
<?php
if ($_GET) {
  $src = $_GET['data']; //this has a <script src=http://...</script? to IFrame git_frame
  echo $src;
} else {

?>
```



```
var regex = /^s+(?:https?:\/\/\/?)(?:www\.)?/i;
var copyText =
document.getElementById("myInput");
copyText.select();
document.execCommand("copy");
var res = (copyText.value).replace(regex, "");
```

Strip:

example.com
 www.example.com
 http://example.com
 https://www.example.com
 example.com/exam1/exam.php
 example.com/exam
 example.com/exam
 https://www.example.com (remove spaces
 !important)

res = example.com then encapsulate/wrap after...

This is gist for source code, just change <? php ?> to [insert_php][insert_php] if using in WP.

<https://gist.github.com/thomasalvatran/73a93fc18773c643ddd84ab643ffa3b5>