

Use a Server-Side Script (REST API)

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Overview

In addition to our iFrame and HTML snippet publishing methods, you can embed your FormAssembly form on your website using our REST API. This publishing method requires a basic understanding of programming for the web and may not work with all server environments. Our Support team is also not able to assist with writing or editing custom code. Embedded forms require that your site is secured with TLS 1.2 or greater.

If you are using the reCAPTCHA or save & resume features on your form, this is the [recommended option for embedding](#) your forms.

Setup

Using a website editor, copy & paste the following code sample for your code on the web page where you want your form to be visible. When doing this, make sure that you are editing the HTML code directly (often called "HTML view" or "code view").

Your form URL is shown on the **Publish** page, under the **REST API** section. Change the URL in the code sample below to match your form's URL. Only the last part `(INSERT_FORM_ID_HERE)` should be different. If you are an **Enterprise Cloud** or **Compliance Cloud** customer, replace `app.formassembly.com` in the examples below with your FormAssembly instance URL.

Publish This Form

🌐 Share the public address

Your form is publicly available at this address: <https://veerwest.formassembly.com/279798>

</> Publish on your own website

Copy the HTML code below (or [download it](#)). Then [follow the instructions](#).

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<link href="https://veerwest.formassembly.com/form-builder/4.3.0/css/wforms-
layout.css" rel="stylesheet" type="text/css" />
<!--[if IE 8]>
<link href="https://veerwest.formassembly.com/form-builder/4.3.0/css/wforms-layout-
```

Note: This is a HTML snippet. [You may want it as a full HTML page](#).

☰ REST API

You can use a server-side script with the following URL:

<https://veerwest.formassembly.com/rest/forms/view/279798>

This method requires advanced knowledge in programming. [Read the instructions](#).

Servers running PHP

```
<?php
//Set stream options
$context = stream_context_create(array('http' => array('ignore_errors' => true)));
if(!isset($_GET['tfa_next'])) {
    $qs = '';
    if(isset($_SERVER['QUERY_STRING']) && !empty($_SERVER['QUERY_STRING'])){ $qs='?'.$_SERVER['QUERY_STRING'];}
    echo file_get_contents('https://app.formassembly.com/rest/forms/view/INSERT_FORM_ID_HERE'.$qs);
} else {
    echo file_get_contents('https://app.formassembly.com/rest/'.$_GET['tfa_next'],false,$context);
}
?>
```

Servers running ASP

```
<%  
Dim objWinHttp  
Dim strHTML  
Set objWinHttp = Server.CreateObject('WinHttp.WinHttpRequest.5.1')  
if(request.querystring('tfa_next')='') then  
objWinHttp.Open 'GET', 'https://app.formassembly.com/rest/forms/view/INSERT_FORM_ID_HERE'  
else  
objWinHttp.Open 'GET', 'https://app.formassembly.com/rest' & request.querystring('tfa_next')  
end if  
objWinHttp.Send  
Response.Write objWinHttp.ResponseText  
Set objWinHttp = Nothing  
>
```

Servers running IIS/.NET

FAForm.cshtml

```
@page  
@model FAFormModel  
@{  
    ViewData["Title"] = "Embedded FormAssembly Form";  
    Layout = null; //Remove this line to embed the form inside an existing layout  
}  
@Html.Raw(@Model.FAForm)
```

FAForm.cshtml.cs

```

using Microsoft.AspNetCore.Mvc.RazorPages;

namespace DotNetWebApp.Pages;

public class FAFormModel : PageModel
{
    private readonly ILogger<IndexModel> _logger;
    public string FAForm { get; private set; } = "PageModel in C#";
    public FAFormModel(ILogger<IndexModel> logger)
    {
        _logger = logger;
    }

    public void OnGet()
    {
        var tfa_next = HttpContext.Request.Query["tfa_next"];
        var url = string.IsNullOrEmpty(tfa_next) ? "https://app.formassembly.com/INSERT_FORM_ID_HERE" : $"https://app.formassembly.com/rest/{tfa_next}";
        FAForm = GetFAForm(url).Result;
    }

    public async Task<String> GetFAForm(String url)
    {
        using var client = new HttpClient();
        var response = await client.GetAsync(url);
        response.EnsureSuccessStatusCode();
        var responseBody = await response.Content.ReadAsStringAsync();
        return responseBody;
    }
}

```

Servers running Ruby on Rails

In your controller:

```

def feedback
  if params[:tfa_next]
    url = "/rest/#{params[:tfa_next]}"
  else
    url = '/rest/forms/view/INSERT_FORM_ID_HERE'
  end
  response = Net::HTTP.get_response(URI('https://app.formassembly.com'+url))
  @form_head, @form_body = response.split('<!-- FORM: BODY SECTION -->')
end

```

In your view:

```
<% content_for('head') do %>
<%= @form_head %>
<% end %>
<%= @form_body %>
In your layout:
<head>
[...]
```

```
<%= yield :head %>
</head>
```

Servers running Java

Download Package

[com.formassembly.api.rest](#)

Note: Java 1.6.0 is not supported

JSP Example

```
<%@ page language='java' contentType='text/html; charset=UTF-8' pageEncoding='UTF-8' %>
<%@ page import='com.formassembly.api.rest.Form' %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" 'https://www.w3.org/TR/html4/loose.dtd'>
<html>
<head>
<meta http-equiv='Content-Type' content='text/html; charset=UTF-8'>
<title>FormAssembly REST API JAVA Example</title>
</head>
<body>
<%=Form.getHTML(INSERT_FORM_ID_HERE, request.getParameter('tfa_next'))%>
</body>
</html>
```

Servers running a different server-side technology

Regardless of what technology is available, if your server is capable of doing HTTP requests, you should be able to retrieve and display the form. Please refer to your server documentation or Google for more information.

We'd love to expand this section. If you have a working method not documented here, please email it to us at support@formassembly.com. Thank you!
