

Repost ASP.NET

This is the [ASP.NET Core Web APIs \(https://dotnet.microsoft.com/apps/aspnet/apis\)](https://dotnet.microsoft.com/apps/aspnet/apis) implementation of the Repost API.

Installation

[.NET Core 3.1 \(https://dotnet.microsoft.com/download/dotnet-core/3.1\)](https://dotnet.microsoft.com/download/dotnet-core/3.1) is required.

1. Clone the repository

```
git clone https://github.com/pckv/repost-aspnet.git
```

2. Navigate to the repost-aspnet directory and publish the configuration

```
cd repost-aspnet
dotnet publish --configuration Release
```

Configurations

Configurations are set by environment variables. The following environment variables can be used for configuring during runtime.

- **REPOST_CLIENT_ID** - The OAuth2 client_id. Default is repost
- **REPOST_SIGNING_CREDENTIAL_PATH** - Path to a X509Certificate file used for [JSON Web Tokens \(https://jwt.io/\)](https://jwt.io/)
- **ASPNETCORE_URLS** - URL the server should be hosted on. For a public server use http://0.0.0.0:8002 (change port if needed)
- **REPOST_DATABASE_CONNECTION_STRING** - An [Npgsql Connection String \(https://www.connectionstrings.com/npgsql/\)](https://www.connectionstrings.com/npgsql/) for a PostgreSQL database
- **REPOST_ORIGINS** - A list of [CORS \(https://en.wikipedia.org/wiki/Cross-origin_resource_sharing\)](https://en.wikipedia.org/wiki/Cross-origin_resource_sharing) URLs separated by ;

Running the API

The API can now be executed using the compiled binary found in the bin folder.

```
bin/Release/netcoreapp3.1/publish/RepostAspNet
```

Documentation

Documentation for the API is available after deployment at the /api/swagger and /api/docs endpoints.