Console commands

GIT

create a new repo with Github CLI

```
mkdir OutlookServer

cd OutlookServer

git config --global init.defaultBranch trunk

git init

gh repo create


# alternative accepting defaults
# gh repo create OutlookServer --public --confirm

git commit -am 'feat: project creation for first commit'

git push --set-upstream origin trunk
```

Dotnet CLI

- Install Dotnet EF

```
dotnet tool install --global dotnet-ef
```

- Create a webAPI project

```
dotnet new webapi --name OutlookServer --output OutlookServer --framework
net6.0
```

Microsoft Graph

- PowerShell

```
# ensure PS version ins 7+
$PSVersionTable
```

```
    Install-Module Microsoft.Graph -Scope CurrentUser
    Get-InstalledModule Microsoft.Graph
```

Certificates

dotnet dev-certs https --trust

Trusting the HTTPS development certificate was requested. Trusting the certificate on Linux distributions automatically is not supported. For instructions on how to manually trust the certificate on your Linux distribution, go to https://aka.ms/dev-certs-trust A valid HTTPS certificate is already present.

Azure CLI

- Check azure installation and version

```
az --version
```

```
az login

az account show
az account list --output table
```

Azure Cloud Shell

https://portal.azure.com/#cloudshell/

Azure Naming Conventions

app-dotnetazure-eastus-dev-002

<TYPE_OF_RESOURCE>-<APP_NAME>-<LOCATION_SERVER>-<ENVIRONMENT_DEPLOYED>-<INSTANCE_NUMBER>

Create an Azure resource group

```
az group create -g rg-calendar-eastus-prod-001 -l eastus

{
  "id": "/subscriptions/1a2c5eab-0d24-4106-8fd8-00202abd05f3/resourceGroups/rg-calendar-eastus-prod-001",
  "location": "eastus",
  "managedBy": null,
  "name": "rg-calendar-eastus-prod-001",
```

```
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}
                                      3 / 3
```

Secrets

```
dotnet user-secrets set ConnectionStrings:Calendar:SqlDb "Server=tcp:sqlserver-
calendar-southbr-prod-001.database.windows.net,1433;Initial Catalog=sqldb-
calendar-gps;Persist Security Info=True;User ID=qimono;Password={THE_PASSWORD};"
```