# Contributing

This project has adopted the [Microsoft Open Source Code of

Conduct](https://opensource.microsoft.com/codeofconduct/).

For more information see the [Code of Conduct

FAQ](https://opensource.microsoft.com/codeofconduct/faq/) or

contact [opencode@microsoft.com](mailto:opencode@microsoft.com)

with any additional questions or comments.

For our general contributing guidelines please see [our dotnet/runtime contributing guide](https://github.com/dotnet/runtime/blob/master/CONTRIBUTING.md).

## Best practices

\* Use Windows PowerShell or [PowerShell Core][pwsh] (including on Linux/OSX) to run .ps1 scripts.

Some scripts set environment variables to help you, but they are only retained if you use PowerShell as your shell.

## Prerequisites

All dependencies can be installed by running the `init.ps1` script at the root of the repository

using Windows PowerShell or [PowerShell Core][pwsh] (on any OS).

The only prerequisite for building, testing, and deploying from this repository

is the [.NET SDK](https://get.dot.net/).

You should install the version specified in `global.json` or a later version within

the same major.minor.Bxx "hundreds" band.

For example if 2.2.300 is specified, you may install 2.2.300, 2.2.301, or 2.2.310

while the 2.2.400 version would not be considered compatible by .NET SDK.

See [.NET Core Versioning](https://docs.microsoft.com/en-us/dotnet/core/versions/) for more information.

The development experience is best with [Visual Studio][VisualStudio].

## Building

This repository can be built on Windows, Linux, and OSX.

Building, testing, and packing this repository can be done by using the standard dotnet CLI commands (e.g. `dotnet build`, `dotnet test`, `dotnet pack`, etc.).

[pwsh]: https://docs.microsoft.com/en-us/powershell/scripting/install/installing-powershell?view=powershell-6

[VisualStudio]: https://docs.microsoft.com/dotnet/core/install/sdk?pivots=os-windows#install-with-visual-studio