Getting Started with ASP.NET Core

1. Install .NET Core
2. Create a new .NET Core project:

mkdir aspnetcoreapp

cd aspnetcoreapp

dotnet new

1. Update the *project.json* file to add the Kestrel HTTP server package as a dependency:

{

"version": "1.0.0-\*",

"buildOptions": {

"debugType": "portable",

"emitEntryPoint": **true**

},

"dependencies": {},

"frameworks": {

"netcoreapp1.0": {

"dependencies": {

"Microsoft.NETCore.App": {

"type": "platform",

"version": "1.0.0"

},

"Microsoft.AspNetCore.Server.Kestrel": "1.0.0"

},

"imports": "dnxcore50"

}

}

}

1. Restore the packages:

dotnet restore

1. Add a *Startup.cs* file that defines the request handling logic:

**using** System;

**using** Microsoft.AspNetCore.Builder;

**using** Microsoft.AspNetCore.Hosting;

**using** Microsoft.AspNetCore.Http;

**namespace** aspnetcoreapp

{

**public** **class** **Startup**

{

**public** **void** **Configure**(IApplicationBuilder app)

{

app.Run(context =>

{

**return** context.Response.WriteAsync("Hello from ASP.NET Core!");

});

}

}

}

1. Update the code in *Program.cs* to setup and start the Web host:

**using** System;

**using** Microsoft.AspNetCore.Hosting;

**namespace** aspnetcoreapp

{

**public** **class** **Program**

{

**public** **static** **void** **Main**(**string**[] args)

{

**var** host = **new** WebHostBuilder()

.UseKestrel()

.UseStartup<Startup>()

.Build();

host.Run();

}

}

}

1. Run the app (the dotnet run command will build the app when it’s out of date):

dotnet run

1. Browse to http://localhost:5000:

