

# .NET CLI Cheatsheet

## INFORMATION

<b>dotnet</b>	Dotnet intro text
<b>dotnet -h</b>	View common CLI commands
<b>dotnet --version</b>	Check your active .NET version
<b>dotnet --info</b>	See detailed overview of installed packages and environment

## DOTNET BUILD

<b>dotnet build</b>	Compile project in current directory
<b>dotnet build [PATH]</b>	Compile project in debug mode
<b>dotnet build --no-restore</b>	Compile project without restoring dependencies

## DOTNET PROJECT COMMANDS

<b>dotnet restore</b>	Restore project dependencies
<b>dotnet run</b>	Run .NET project in current directory
<b>dotnet run --project [PATH]</b>	Run specific .NET project
<b>dotnet watch</b>	Run .NET project with hot-reload
<b>dotnet test</b>	Run all unit tests

## DOTNET NEW

<b>dotnet new</b>	Common project templates
<b>dotnet new -l</b>	List all project templates
<b>dotnet new sln</b>	Create empty solution
<b>dotnet new console</b>	Create new console project
<b>dotnet new web</b>	Create new ASP.NET project
<b>dotnet new mvc</b>	Create new ASP.NET MVC project
<b>dotnet new webapi</b>	Create new ASP.NET API project
<b>dotnet new blazorwasm</b>	Create new Blazor WASM project
<b>dotnet new blazorserver</b>	Create new Blazor Server project
<b>dotnet new maui</b>	Create new .NET MAUI project
<b>dotnet new gitignore</b>	Create new .gitignore file

