

# Cheatography

## dotnet cli Cheat Sheet

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dotnet new		dotnet build	
dotnet new sln	Solution file	dotnet build	Build a project and all of its dependencies
dotnet new console	Console application	dotnet build --configuration Release	Build a project and its dependencies using Release configuration
dotnet new classlib	Class library	dotnet build --runtime ubuntu.16.04-x64	Build a project and its dependencies for a specific runtime (in this example, Ubuntu 16.04)
dotnet new mvc	ASP.NET Core Web App (Model-View-Controller)	Starting with .NET Core 2.0, you don't have to run dotnet restore because it's run implicitly.	
dotnet new xunit	xUnit test project		
dotnet new -l	Obtain a list of the available templates		
dotnet sln		dotnet run	
dotnet sln list	List all projects in a solution file	dotnet run	Run the project in the current directory
dotnet sln todo.sln add todo-app/todo-app.csproj	Add a C# project to a solution	dotnet run --project ./projects/proj1/proj1.csproj	Run the specified project
dotnet sln todo.sln remove todo-app/todo-app.csproj	Remove a C# project from a solution	dotnet myapp.dll	Run a framework-dependent app named myapp.dll
dotnet sln todo.sln add **/*_*.csproj	Add multiple C# projects to a solution using a globbing	dotnet clean	
		dotnet clean	Clean the output of a

pattern	
<b>dotnet add</b>	
dotnet add package Newtonsoft.Json	Add <i>Newtonsoft.Json</i> NuGet package to a project
dotnet add reference lib1/lib1.csproj lib2/lib2.csproj	Add multiple project references to the project in the current directory
dotnet add app/app.csproj reference **/*.csproj	Add multiple project references using a globbing pattern on Linux/Unix
<b>dotnet pack</b>	
dotnet pack	Build the project and create NuGet packages
dotnet pack --no-build -output nupkgs	Pack the project in the current directory into the <i>nupkgs</i> folder and skip the build step
dotnet pack /p:PackageVersion=2.1.0	Set the package version to <i>2.1.0</i> with the <i>PackageVersion</i> MSBuild property

project	
dotnet clean --configuration Release	Clean a project built using the Release configuration
Only the outputs created during the build are cleaned. Both intermediate ( <i>obj</i> ) and final output ( <i>bin</i> ) folders are cleaned.	
<b>dotnet nuget</b>	
dotnet nuget locals -l all	Display the paths of all the local cache directories
dotnet nuget push foo.nupkg -k 4003d786-cc37-4004-bfdf-c4f3e8ef9b3a	Push <i>foo.nupkg</i> to the default push source, specifying an API key
dotnet nuget delete Microsoft.AspNetCore.Mvc 1.0 --non-interactive	Delete version 1.0 of package <i>Microsoft.AspNetCore.Mvc</i> , not prompting user for credentials or other input