

dotnet new

<code>dotnet new sln</code>	Solution file
<code>dotnet new console</code>	Console application
<code>dotnet new classlib</code>	Class library
<code>dotnet new mvc</code>	ASP.NET Core Web App (Model-View--Controller)
<code>dotnet new xunit</code>	xUnit test project
<code>dotnet new -l</code>	Obtain a list of the available templates

dotnet sln

<code>dotnet sln list</code>	List all projects in a solution file
<code>dotnet sln todo.sln add todo-a pp/ tod o-a pp.c sproj</code>	Add a C# project to a solution
<code>dotnet sln todo.sln remove todo-a pp/ tod o-a pp.c sproj</code>	Remove a C# project from a solution
<code>dotnet sln todo.sln add **/*.c sproj</code>	Add multiple C# projects to a solution using a globbing pattern

dotnet add

dotnet build

`dotnet build`

`dotnet build --configuration Release`

`dotnet build --runtime ubuntu.16.04-x64`

The `dotnet publish` command's output is ready for deployment to a hosting system (for example, a server, PC, Mac, laptop) for execution.

dotnet run

`dotnet run`

`dotnet run --project .\project s\proj 1\proj 1.c sproj`

`dotnet myapp.dll`

dotnet clean

dotnet publish

`dotnet publish`

`dotnet publish ~\project s\proj 1\proj 1.c sproj`

The `dotnet publish` command's output is ready for deployment to a hosting system (for example, a server, PC, Mac, laptop) for execution.

for a specific runtime (in this example, Ubuntu 16.04)

Run the project in the current directory

Run the specified project

Run a framework-dependent app named myapp.dll

dotnet add package Newtonsoft.Json dotnet clean	Add the Newtonsoft.Json NuGet package to a project	dotnet ef migrations add the output of a project	Add a migration
dotnet add reference lib1/lib1.csproj lib2/lib2.csproj	Add multiple project references to the project in the current directory	dotnet ef migrations remove	Remove the last migration
dotnet add app/app.p.csproj reference lib1/lib1.csproj	Add multiple project references using a globbing pattern on Linux/Unix	dotnet ef migrations script	Generate a SQL script for migration
	Only the outputs created during the build are cleaned. Both intermediate (obj) and final output (bin) folders are cleaned.	dotnet ef database update	Update the database to a specific migration
		dotnet ef database drop	Drop the database
		dotnet ef dbcontext list	List available DbContext types
		dotnet ef dbcontext info	Get information about DbContext type
		dotnet ef dbcontext scaffold	Scaffold a DbContext and entity types from a database



dotnet pack	dotnet remove (cont)	etc.
<pre>dotnet pack</pre>	<pre>dotnet remove app/ap p.c sproj reference</pre> Build the project and create NuGet packages	<pre>dotnet /help</pre> Remove Show more multiple detailed project docume- references station using a online for glob the pattern oncommand
<pre>dotnet pack --no-build --output nupkgs</pre>	Pack the project in the current directory into the <i>nupkgs</i> folder and skip the build step	<pre>dotnet migrate</pre> Unix/Linux Migrate a Preview 2 .NET Core project to a .NET Core SDK 1.0 project
<pre>dotnet pack /p:Packag eVe rsi on= 2.1 .0</pre>	Set the package version to <i>2.1.0</i> with the <i>Packag- eVersion</i> MSBuild property	<pre>dotnet msbuild</pre> Provides access to a fully functional MSBuild
		<pre>dotnet test</pre> Run the tests in the project in the current directory
		<pre>dotnet list reference</pre> List the project references for the project in the current directory
dotnet nuget		Environment variables

```
dotnet nuget locals -l all
```

Display the paths of all the local cache directories.
DOTNET_PACKAGES
The primary package cache.
DOTNET_SERVICING
Specifies the location of the servicing index to use by the shared host when loading the runtime.

```
dotnet nuget push foo.nupkg -k 4003d7 86- cc3 7-4 004 -bf df- c4f 3  
e8 ef9b3a
```

Pushes *foo.nupkg* to the default source.
DOTNET_CLI_TELEMETRY_OPTOUT
Specifies whether data about the .NET Core tools usage is collected and sent to Microsoft.

push source, specifying an API key.
DOTNET_MULTILEVEL_LOOKUP
Specifies whether .NET Core runtime, shared framework, or SDK are resolved from the global location.

```
dotnet nuget delete Micros oft.As pNe tCo re.Mvc 1.0 --non- int era  
ctive
```

Delete version 1.0 of package *Microsoft.AspNetCore.Mvc*.
DOTNET_ROLL_FORWARD_ON_NO_CANDIDATE_FX
Disables minor version roll forward. For more information, see Roll forward.

Microsoft.AspNetCore.Mvc, not prompting user for credentials or other input

dotnet remove

```
dotnet remove package Newton soft t.Json
```

Remove *Newtonsoft.Json* NuGet package from a project in the current directory

```
dotnet remove reference lib/li b.c spr o j
```

Remove a project reference from the current project



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