To build a NuGet package (a .nupkg file) from the project, run the dotnet pack command, which also builds the project automatically

Every NuGet package needs a manifest that describes the package's contents and dependencies. In a final package, the manifest is a .nuspec file that is generated from the NuGet metadata properties that you include in the project file.

1. Open your project file (.csproj) and add the following minimal properties inside the existing <PropertyGroup> tag, changing the values as appropriate:

XMLCopy

<PackageId>AppLogger</PackageId>

<Version>1.0.0</Version>

<Authors>your\_name</Authors>

<Company>your\_company</Company>

Once you have a .nupkg file, you publish it to nuget.org using the dotnet nuget push command along with an API key acquired from nuget.org

dotnet nuget push AppLogger.1.0.0.nupkg -k qz2jga8pl3dvn2akksyquwcs9ygggg4exypy3bhxy6w6x6 -s <https://api.nuget.org/v3/index.json>

-k qz2jga8pl3dvn2akksyquwcs9ygggg4exypy3bhxy6w6x6 – api key from nuget.org

A package can also serve to only pull in any number of other dependencies, without containing any code of its own. Such a package is a convenient way to deliver an SDK that's composed of multiple independent packages. In other cases, a package may contain only symbol (.pdb) files to aid debugging.