.. raw:: html

Contents of a Module Package
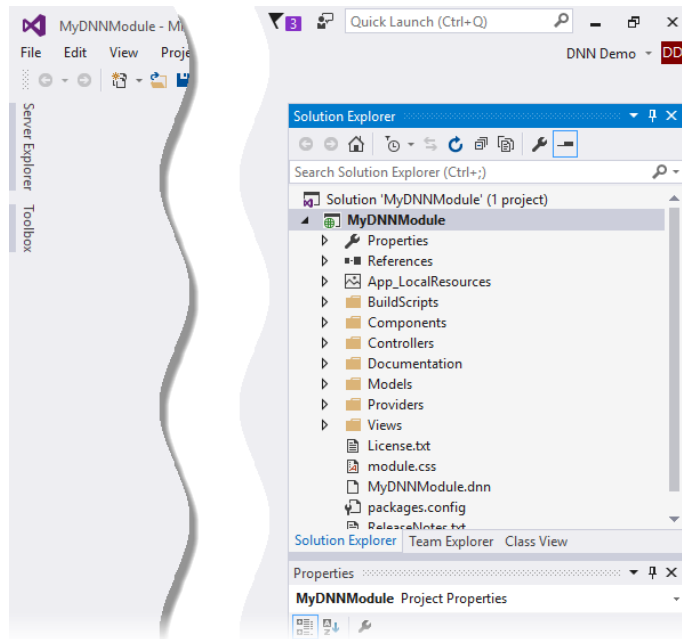
A module package includes the following:

- **Properties\Assembly.cs** contains information about the module assembly.
- **References** contains the libraries required by the module.

  Note: The **DotNetNuke.dll** is required in all modules; it provides additional functionality, such as authentication and user information.

- (Optional) **App_LocalResources*.resx** are string tables that contain localized or translated terms.
- **BuildScripts** (formerly **.build**) contains files required for MSBuild to compile the module and to assemble the installation file.
- **Components\FeatureController.cs** contains the list of DNN interfaces that the module implements.
- **Controllers** ???
- (Optional) **Documentation\Documentation.html** describes the module functionality.
- **Models** ???
- **Providers** contains the actual implementations of concrete data [providers](#) required by the module.

  Example: The **Providers\DataProviders\SQLDataProvider** subfolder contains three files:

  - **00.00.01 SQLDataProvider** contains the SQL scripts that create tables and stored procedures required by the module to access the data. These scripts run when the module is installed.
  - **Uninstall.SqlDataProvider** contains the SQL scripts that delete tables and stored procedures used by the module. These scripts run when the module is uninstalled.
  - **SQLDataProvider.cs** sets the value of **SqlConnection.ConnectionString** and defines the concrete data provider class's methods to access data.

- **Views** contains Razor-based template files (.cshtml) that are used to display the module's output in HTML format.
- ***.dnn*** is the [DNN Manifest](#), which specifies where files are copied during module installation.
- **License.txt** and **ReleaseNotes.txt** are displayed when the module is installed. You can rename the files and specify the custom filenames in the DNN Manifest.
- (Optional) **module.css** defines how the module should be displayed. If the module is applied to a pane that has an assigned container, that container's CSS overrides the module's CSS.
- **packages.config** specifies the recommended .NET Framework version for the module.

See Also

- [Contents of a Theme Package](#)
- [Create the Package](#)

Sources

- DNN Community Blog - [What Is a Module](#) and [Module Development Templates](#) by [Clinton Patterson](#)
- DNN Wiki - [Providers](#)