

FLEXIBLE PROJECT SET-UP FOR TEAMS AND COMPLICATED APPLICATIONS

Will Strohl
@WillStrohl



Will Strohl

@WillStrohl

Director, Product Development @



Author, founder of DNNCon, former ODUG
President, 20+ OSS projects, former DNN Corp
employee



Who?

Your website has multiple solutions/projects.

The project has 2 or more people.

You need to share code across projects.

You want to automate processes.

Why?

“How can we develop on DNN as a team?”

Challenges

- Multiple extension types
- External references
- Source control mapping
- Multiple projects/project types
- Team environments
- Builds/packaging
- External processes

Methods

DesktopModules vs. Build Out of Site

Desktop Modules

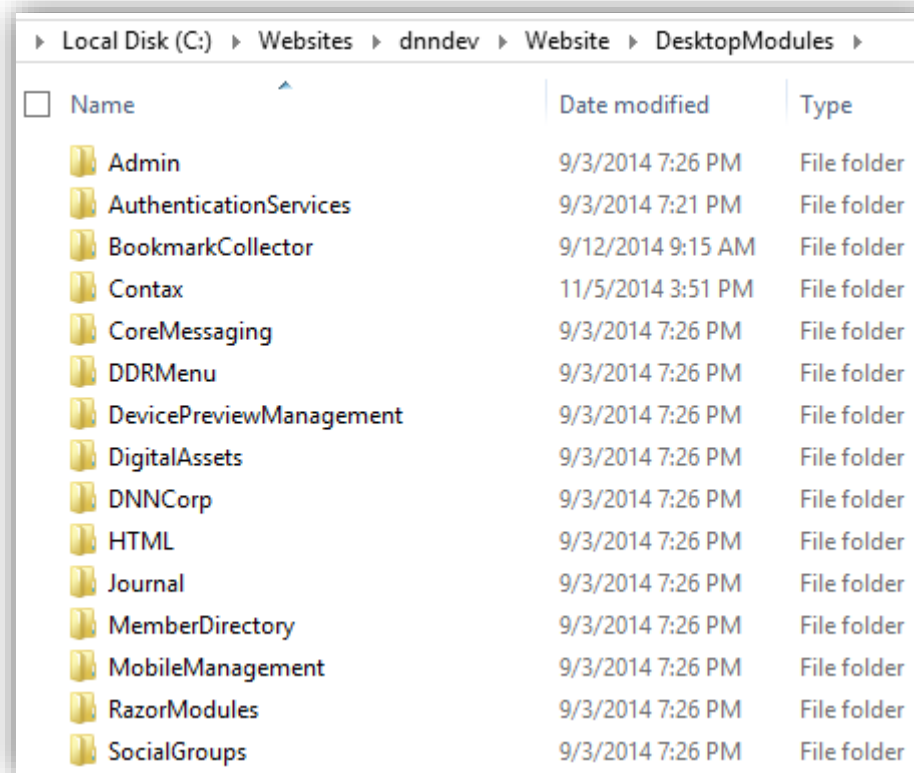
Pros

- Easy to start
- Existing videos, wikis, blogs
- Visual Studio templates
- Great for 1-off's
- WSP-friendly

Cons

- Difficult to map in source control
- Multiple Visual Studio projects
- Check-in the website
- Difficult to share code

Desktop Modules



Name	Date modified	Type
Admin	9/3/2014 7:26 PM	File folder
AuthenticationServices	9/3/2014 7:21 PM	File folder
BookmarkCollector	9/12/2014 9:15 AM	File folder
Contax	11/5/2014 3:51 PM	File folder
CoreMessaging	9/3/2014 7:26 PM	File folder
DDRMMenu	9/3/2014 7:26 PM	File folder
DevicePreviewManagement	9/3/2014 7:26 PM	File folder
DigitalAssets	9/3/2014 7:26 PM	File folder
DNNCorp	9/3/2014 7:26 PM	File folder
HTML	9/3/2014 7:26 PM	File folder
Journal	9/3/2014 7:26 PM	File folder
MemberDirectory	9/3/2014 7:26 PM	File folder
MobileManagement	9/3/2014 7:26 PM	File folder
RazorModules	9/3/2014 7:26 PM	File folder
SocialGroups	9/3/2014 7:26 PM	File folder

Build Out of Website

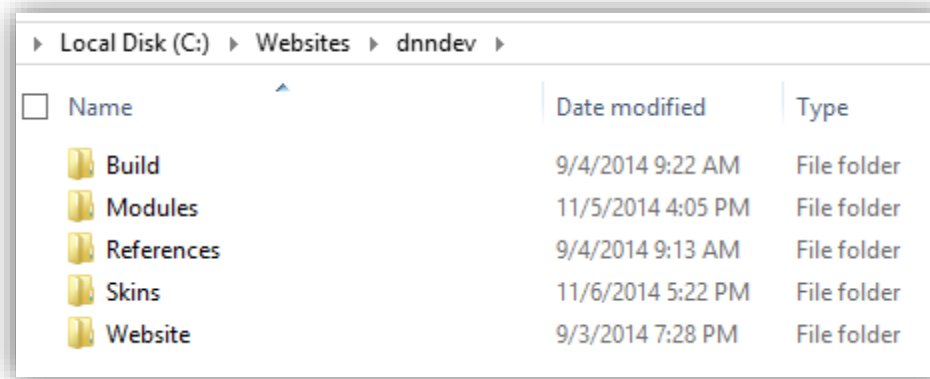
Pros

- All projects in single solution
- Build against multiple dependencies
- Process integration
- Build all once

Cons

- Doesn't follow community examples
- Not good for POCs
- Not good for single projects

Build Out of Website



A screenshot of a Windows File Explorer window showing the contents of a folder named 'dnndev'. The window title bar indicates the path: 'Local Disk (C:) > Websites > dnndev >'. The main area displays a table of files and folders.

<input type="checkbox"/>	Name	Date modified	Type
<input type="checkbox"/>	Build	9/4/2014 9:22 AM	File folder
<input type="checkbox"/>	Modules	11/5/2014 4:05 PM	File folder
<input type="checkbox"/>	References	9/4/2014 9:13 AM	File folder
<input type="checkbox"/>	Skins	11/6/2014 5:22 PM	File folder
<input type="checkbox"/>	Website	9/3/2014 7:28 PM	File folder

Demonstration

See it in action!

Summary

DesktopModules

- Quick and easy
- Ready-to-use Visual Studio templates
- Follows wiki/videos
- WSP-friendly

Build Folders

- Single solution
- Source control
- Don't check-in websites
- Dependencies
- Build all at once
- Shared libraries

THANKS TO ALL OF OUR GENEROUS SPONSORS!

