

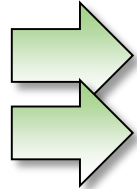
Visual Studio Integration

Donald Belcham
www.igloocoder.com
@dbelcham



pluralsight 
hardcore dev and IT training

Smart Tags



Context aware Smart Tag entries

Namespace, Class, Method, Property levels

```
namespace Pluralsight.PostSharp
{
    class
    {
        static void Main(string[] args)
        {
        }
    }
}
```

Smart Tag context: `class` (Add logging...)

```
namespace Pluralsight.PostSharp
{
    class Program
    {
        st
        {
        }
    }
}
```

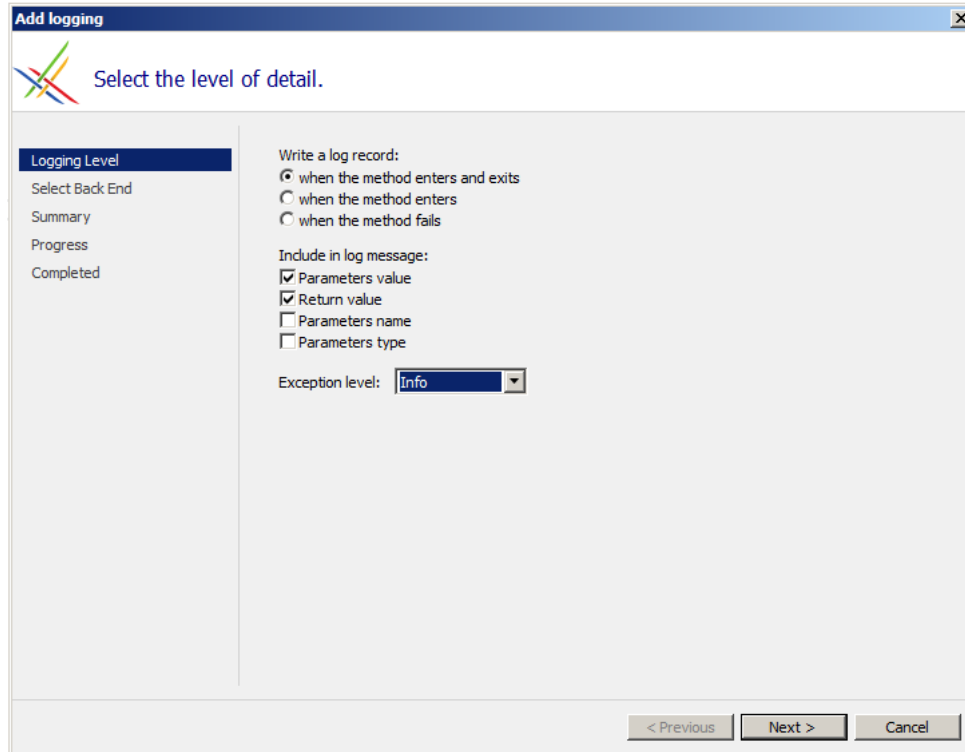
Smart Tag context: `st` (Implement INotifyPropertyChanged, Add architecture constraint..., Add logging..., Apply threading model...)

```
namespace Pluralsight.PostSharp
{
    class Program
    {
        static void Main(string[] args)
        {
        }
    }
}
```

Smart Tag context: `Main` (Execute method in the background, Add logging...)

Wizards

- ➡ Smart Tag context menus lead to wizards
- ➡ Specific to each pattern
- ➡ Walks you through main selection choices



The screenshot shows a Windows-style dialog box titled "Add logging". The window has a blue title bar with a close button. Below the title bar is a logo consisting of three overlapping colored lines (green, yellow, red) and the text "Select the level of detail." in blue. The main area is divided into two panes. The left pane has a dark blue header "Logging Level" and a list of options: "Select Back End", "Summary", "Progress", and "Completed". The right pane contains the following text and controls:

Write a log record:

- ☒ when the method enters and exits
- ☐ when the method enters
- ☐ when the method fails

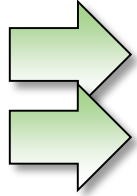
Include in log message:

- ☒ Parameters value
- ☒ Return value
- ☐ Parameters name
- ☐ Parameters type

Exception level:

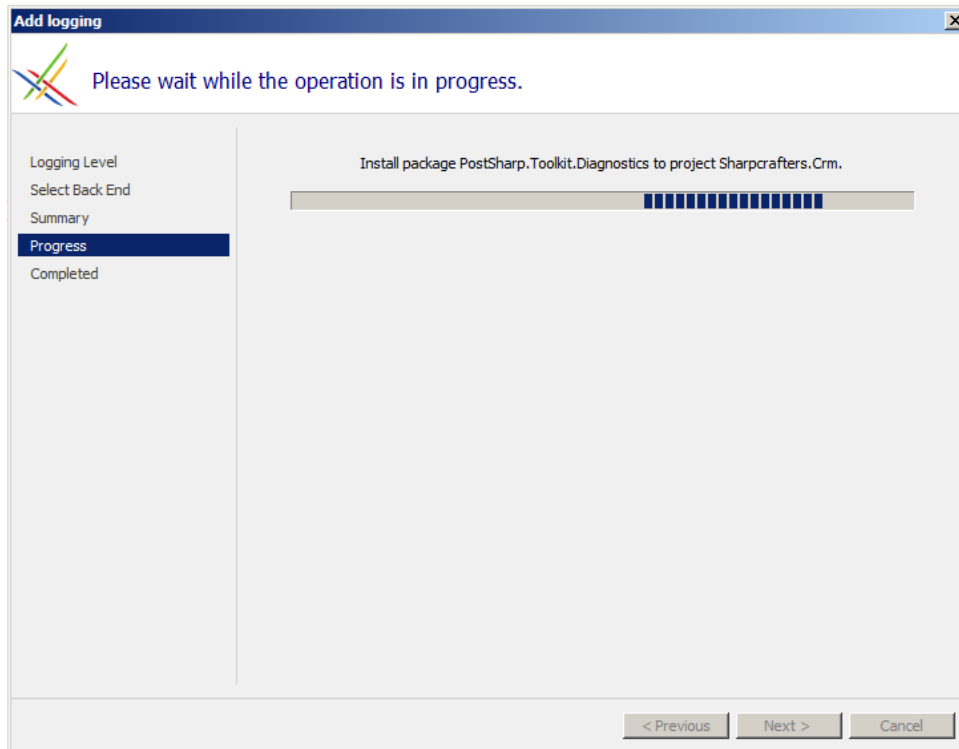
At the bottom of the window are three buttons: "< Previous", "Next >", and "Cancel".

Package Retrieval


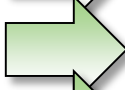



Previously unused packages

Automatically pulled from Nuget



Summary

-  PostSharp looks and feels like part of Visual Studio
-  Adding aspects is easier
-  Packages are automatically retrieved for you