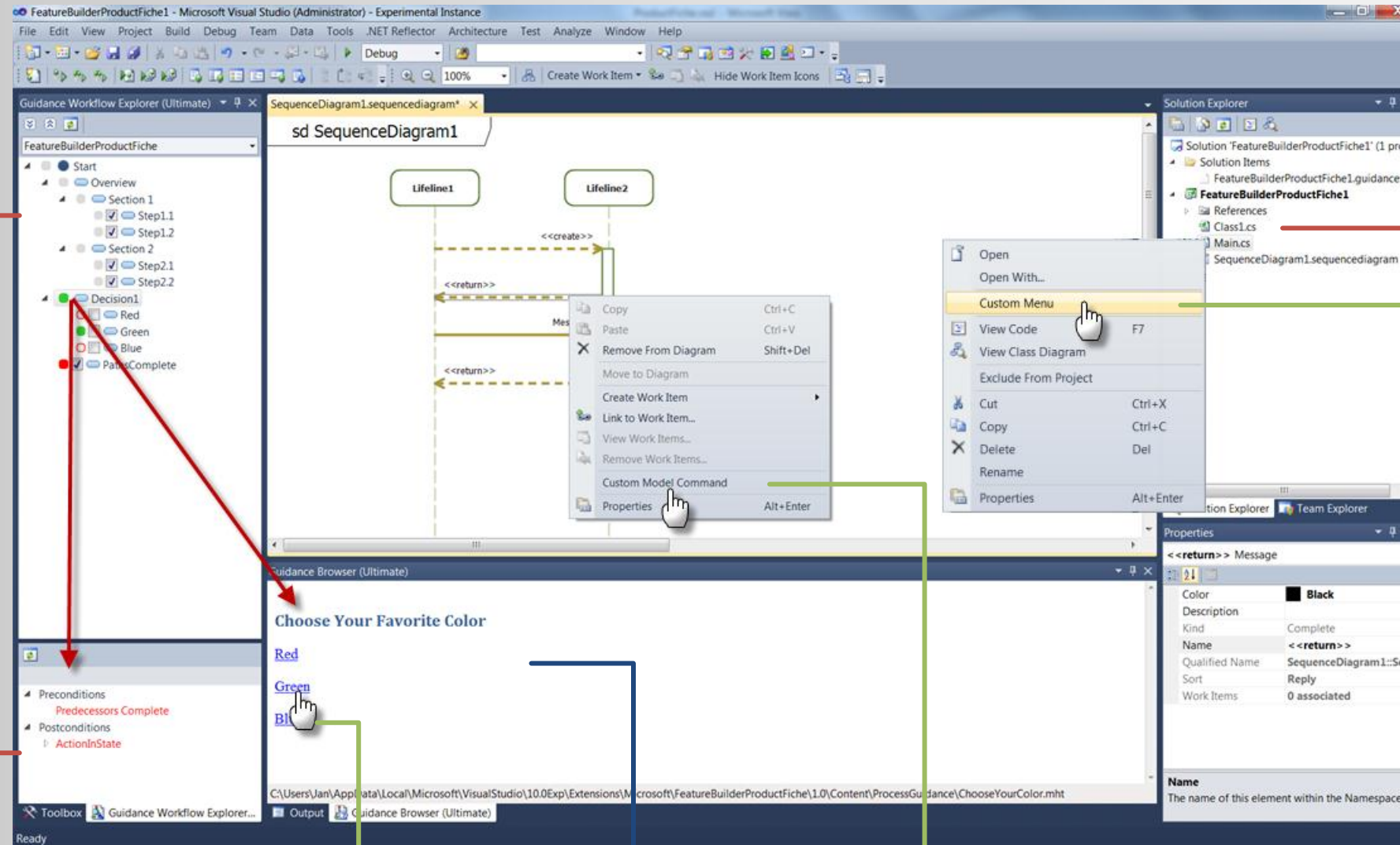


Feature Builder Power Tool

(User view)

Process Guidance
- Associated guidance documents
- Control visibility and enablement of actions

Process Guidance (2)
Conditional navigation



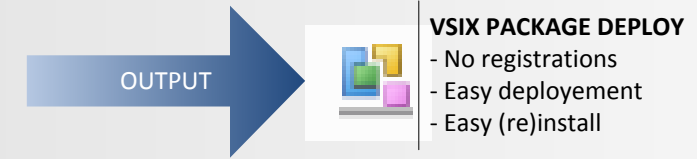
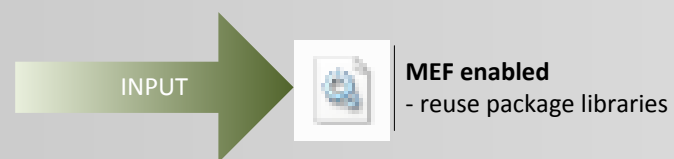
Automation
- generate projects/solutions via template
- T4 text templating code generation

Extend VS menu
- extend context menu
- extend the VS menu

Link
- navigate to a guidance document
- perform an action

Guidance Document
- word document (*.mht)
- website page

Extend modeling elements
Perform custom action on model elements



Feature Builder Power Tool

(Creator view)

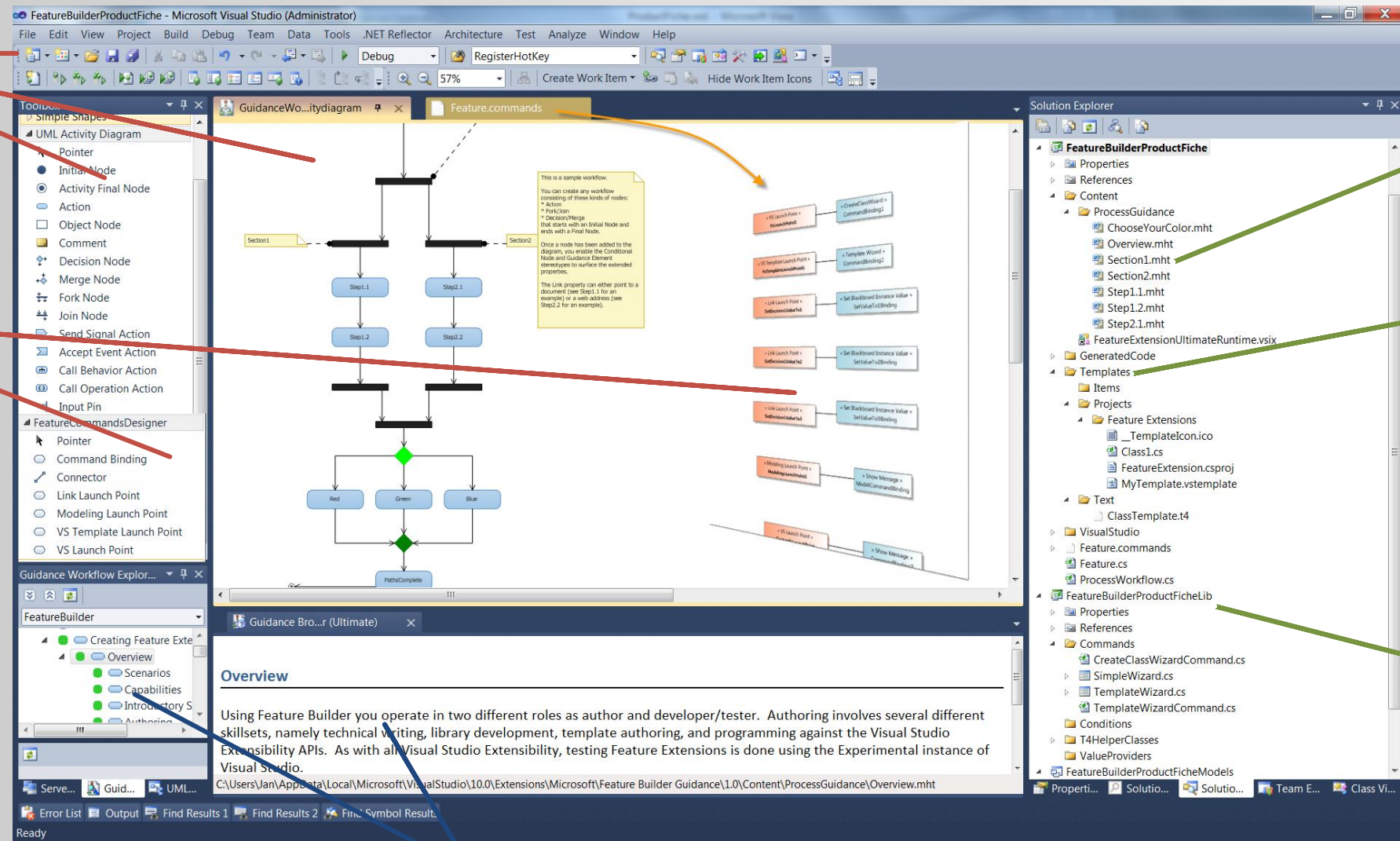
Separation of Execution logic (Lib)
from VS integration (Package)

Guidance Workflow designer
- design workflow of the Process Guidance
- define (pre/post) conditions

Process Guidance Documents
Documentation included in
project (associated with word)

Commands designer
- layout the LaunchPoints (VS Menu)
- assign commands

Templates
- Project/solution templates
- Text templates (T4)



Tools

```

//Create Args dictionary for t4
var t4args = new Dictionary<string, string>();
t4args.Add("classname", newWidgetName);
t4args.Add("namespace", project.DefaultNamespace.Value as string);
try
{
    var t4l = new T4Invoker(ServiceProvider);
    result = t4l.TransformText(t4Path, t4args);
    if (!result.HasErrors)
    {
        string templateData = result.Content;
        File.WriteAllText(filePath, templateData);
    }
    else
    {
        t4Errors = true;
    }
}
catch (Exception)
{
    MessageBox.Show("Exception detected compiling T4 template");
}
    
```

Package Library
- Imported via MEF
- All execution logic

Feature Builder Guidance
guide you to the process of
creating a package

