



# Advanced Razor

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## **ASSUMPTIONS**

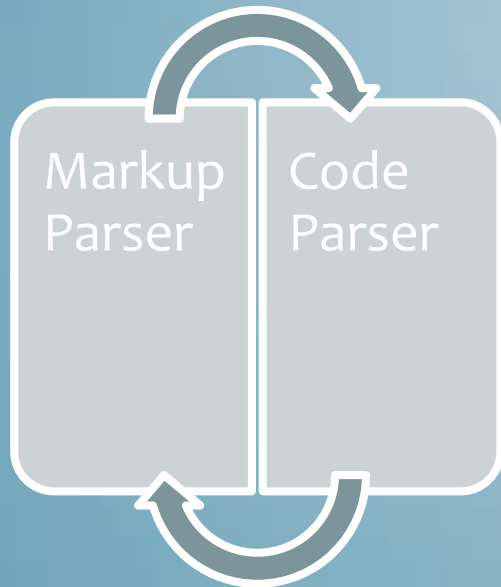
- *You know what Razor is*
- *You are interested in how Razor works*
- *You want to bend Razor to your will*

## HOW DOES RAZOR WORK?



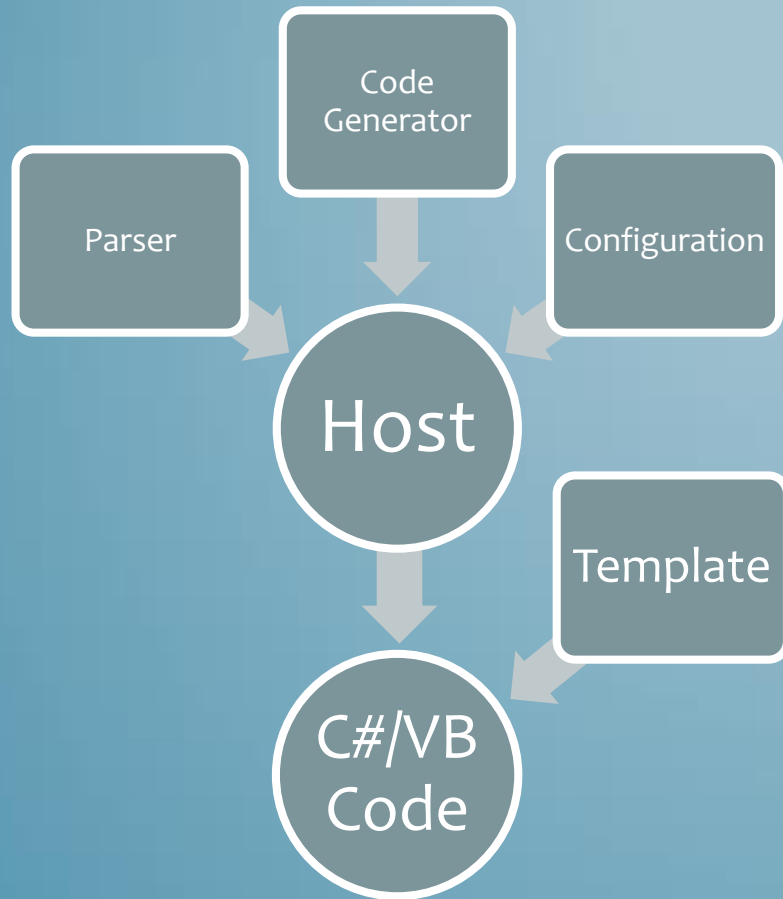
This is where we stop!

## PARSER PING-PONG



- *Markup Parser parses until it sees “@”*
- *Code Parser takes over at “@” and parses until either:*
  - *The end of the block is reached*
  - *A “<” is seen*
- *Markup Parser continues...*

## YOUR HOST

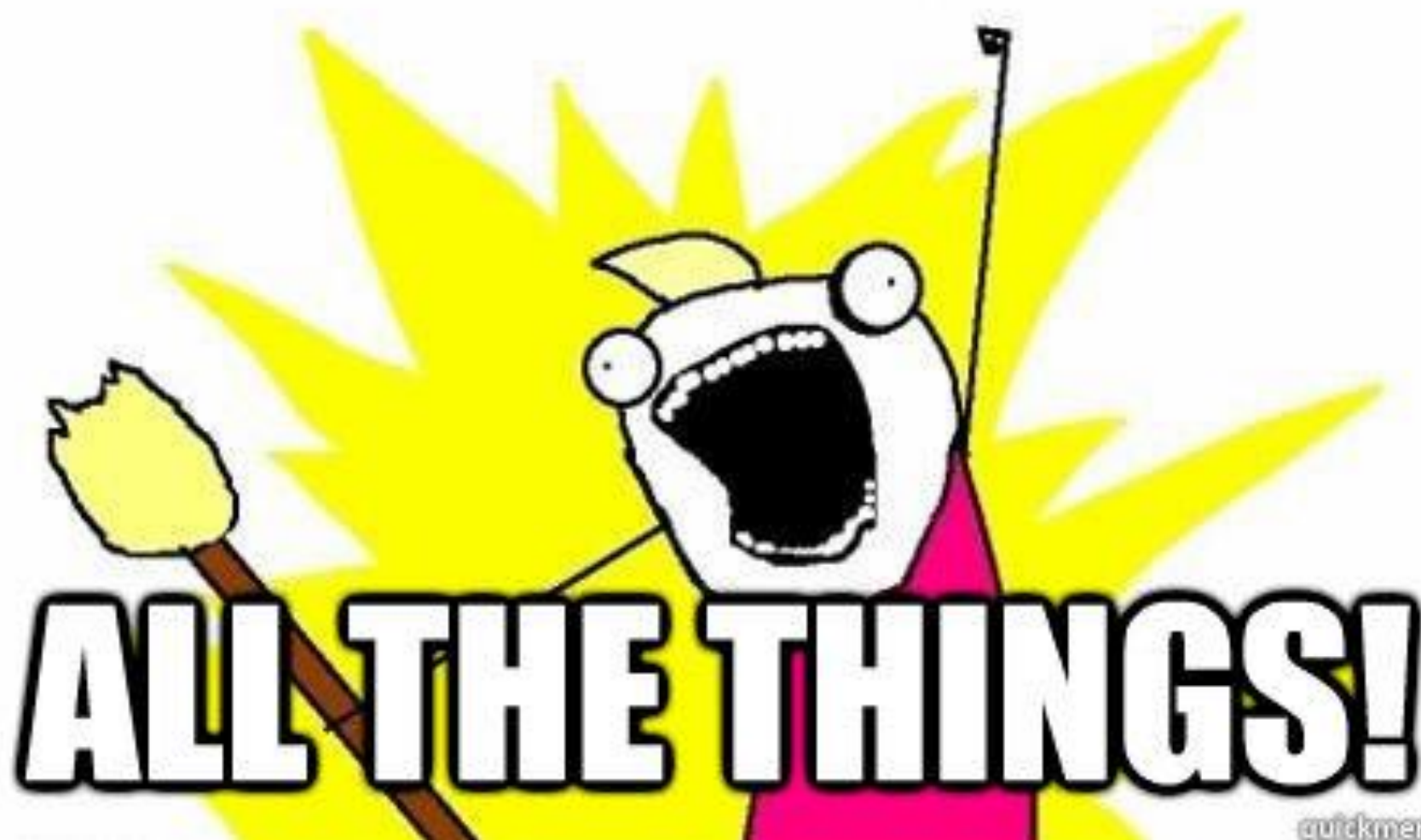


- The “Host” is what defines the environment in which the template will be generated
- Defines how the template will be parsed, how code will be generated for it and other configuration settings.

# DEMO

*@ContentType*

**RAZORIFY**



## SHAREPOINT

- *is Hard... let's go shopping!*
- *But seriously, it has been done!*
- *Tom Clarkson has created a technique to use Razor views in SharePoint*
- *<http://anur.se/razorsp>*



## **DOTNETNUKE**

- *Modules can be written in Razor!*
- *For more info, travel back in time and see “DNN6 – CMS Redefined” yesterday*
  - <http://anur.se/razordnn>

## ANYWHERE!

- Razor Generator:  
<http://razorgenerator.codeplex.com/>
  - Visual Studio Code Generator
  - Lets you build Razor code in to ANY application by translating to C# at compile-time.
- Razor Engine:  
<http://razorengine.codeplex.com/>
  - .Net Library
  - Lets you compile and run Razor code at run-time!

# DEMO

*Razor Engine*

## OWIN

- Open Web Interface for .NET
  - <http://owin.org/>
- Specification for how Web Servers talk to Web Applications
- *There are a number of servers that support it, and a few frameworks too*
- *Let's Razorify it!*

# DEMO

*Self-hosted WebPages with Razor using OWIN and Firefly*

## **EDGE**

- *Simple Page Framework for OWIN using Razor*
- <http://github.com/anurse/Edge>

## **OTHER CRAZY IDEAS**

- Use Razor to compose email message templates
  - Postal:  
<http://aboutcode.net/postal/>
- Use Razor to allow users to create dynamic pages in a CMS system

## QUESTIONS?

- Fill out evals!
- <http://surveymonkey.com/s/GHLYGSS>
- See info for this talk and more:
  - <http://anur.se/mydecks>
- Andrew Nurse
- Reach me at:
  - [andrew@andrewnurse.net](mailto:andrew@andrewnurse.net)
  - @anurse
- Or, find me in:
  - <http://jabbr.net/#/rooms/razor>