Working with the Syntax API



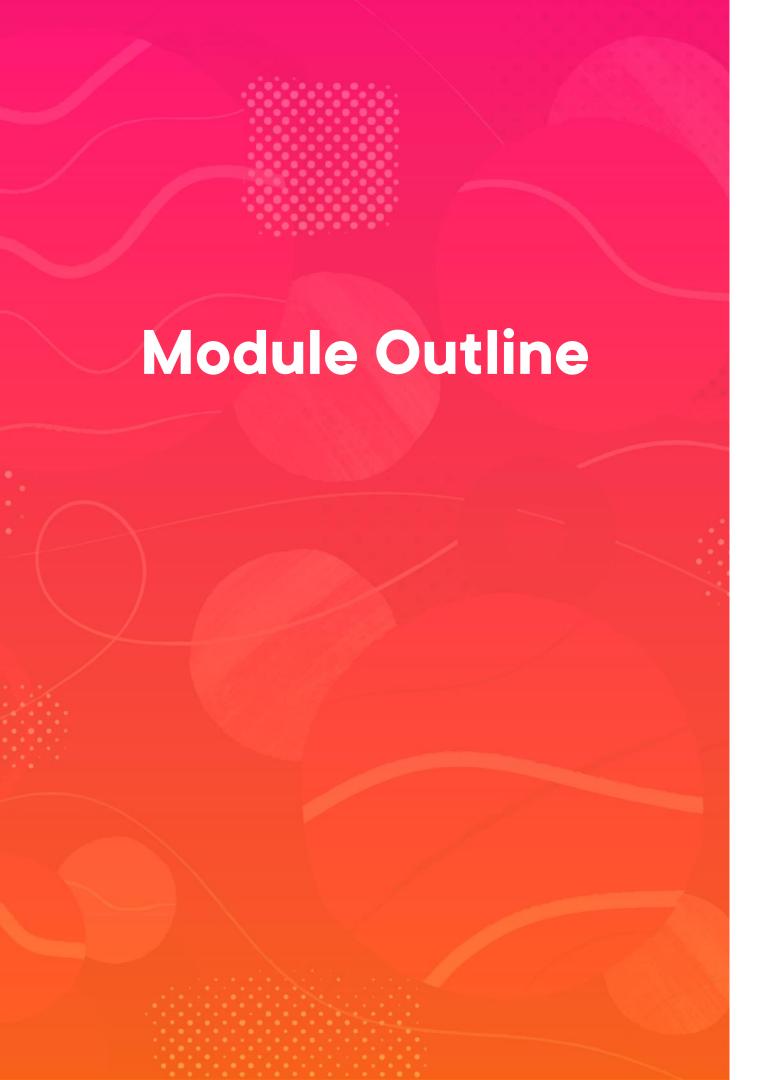
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Generate a ToString method

- Generate a partial class
- Grab the namespace
- Read the members

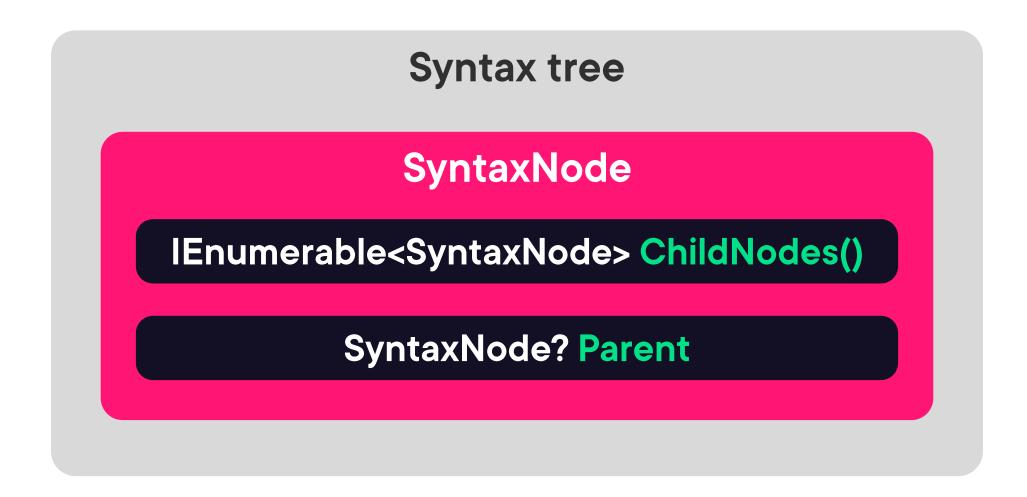
Understand the Syntax API

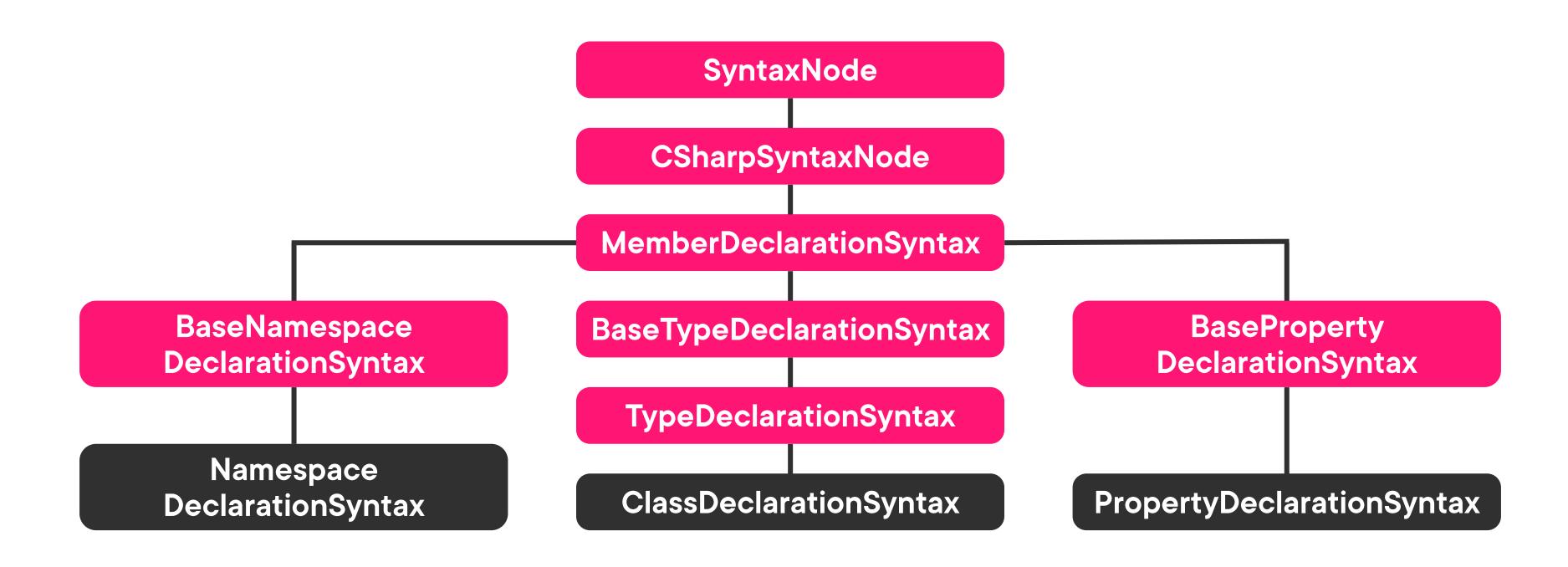
Debug your C# source generator



Generate a partial class









SyntaxToken

SyntaxNode? Parent

string Text

SyntaxNode

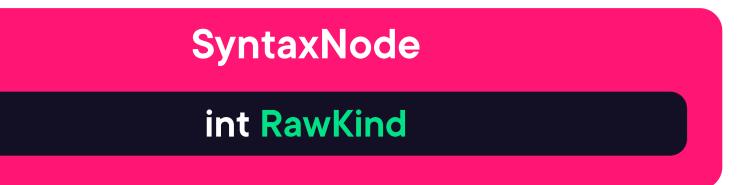
SyntaxToken

SyntaxTriviaList LeadingTrivia

SyntaxTriviaList TrailingTrivia

SyntaxTrivia

SyntaxToken Token



SyntaxToken

int RawKind

SyntaxTrivia

int RawKind

SyntaxNode

SyntaxKind Kind()

SyntaxToken

SyntaxKind Kind()

SyntaxTrivia

SyntaxKind Kind()



Use the Syntax Visualizer window to understand

- Syntax nodes
- Syntax tokens
- Syntax trivia



Debug your C# source generator



Grab the namespace



Support file-scoped namespaces



Generate a ToString method



Split up the ToString generation



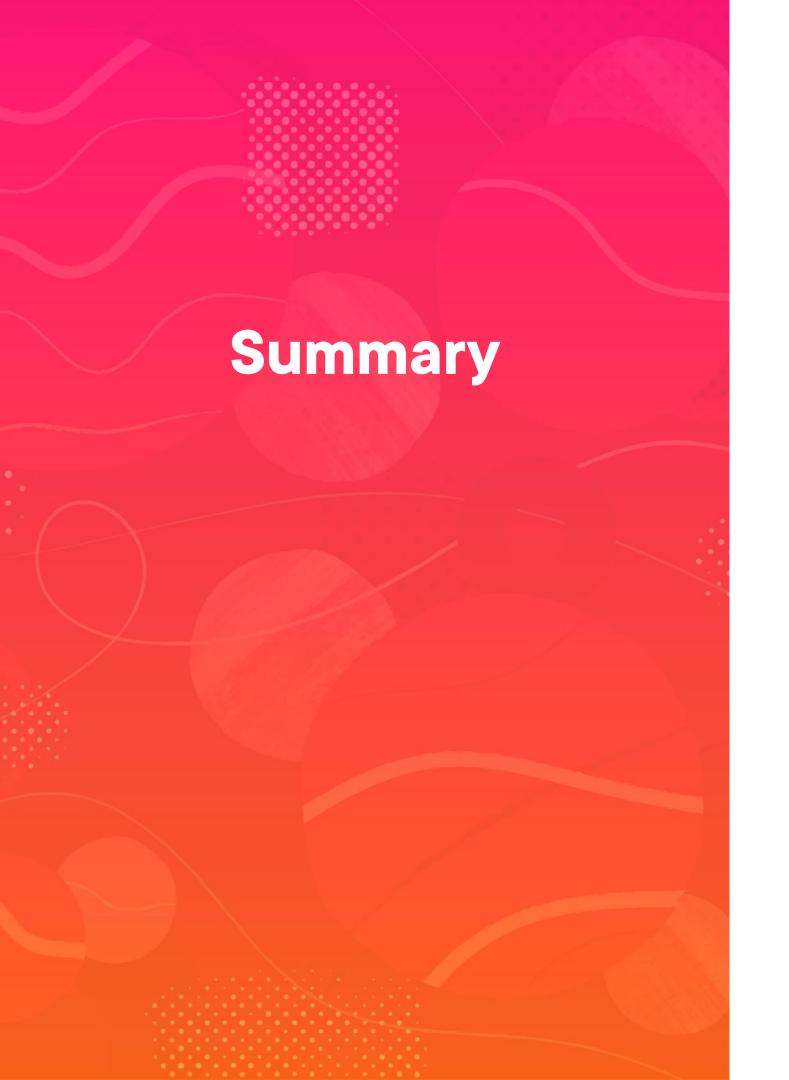
Write out the members



Check the access modifier



See live how code is generated



Use the Syntax API

Generate a ToString method

- Generate a partial class
- Grab the namespace
- Read the members

Debug your C# source generator

Up Next:

Adding a Marker Attribute

