

Language Feature Status

This document reflects the status, and planned work, for the compiler team. It is a live document and will be updated as work progresses, features are added / removed, and as work on feature progresses.

C# 7.0 and VB 15

Feature	Branch	State	Owners	LDM Champ
Binary Literals	master	Finishing	-	gafter
Digit Separators	master	Finishing	-	gafter
Local Functions	master	Finishing	agocke, jaredpar, vsadov	gafter
Type switch	master	Finishing	gafter, alekseyts, agocke	gafter
Ref Returns	master	Finishing	vsadov, agocke, jaredpar	vsadov
Tuples	master	Finishing	vsadov, jcouv	madstorgersen
Out var	master	Finishing	alekseyts	gafter
ValueTask	master	Finishing	alekseyts	lucian
Throw Expr	master	Finishing	gafter, agocke, tyoverby	gafter
Expression-Bodied Everything	master	Finishing	MgSam, gafter	madstorgersen

(C# 7.0 and VB 15) + 1

Feature	Branch	State	Owners	LDM Champ
Address of Static	none	Feature Specification	-	jaredpar
Async Main	none	Feature Specification	tyoverby, agocke	stephentoub
Source Generation	master	Prototyping	cston, vsadov, agocke	mattwar
private protected	features/privateProtected	Ready to integrate	gafter	gafter
Non-null Ref Types	features/NullableReferenceTypes	Prototyping	alekseyts	mattwar
Bestest Betterness	none	Feature Specification	-	gafter
Records	features/records	Feature Specification	jcouv	gafter

Feature	Branch	State	Owners	LDM Champ
With Exprs	features/records	Feature Specification	gafter	gafter
Pattern Matching	features/patterns	Prototyping	gafter, alekseyts, agocke	gafter

FAQ

• Is target version a guarantee?: No. It's explicitly not a guarantee. This is just the planned and ongoing work to the best of our knowledge at this time.

• Where are these State values defined?: Take a look at the Developing a Language Feature document.

Updated 2016-08-29



