

[illegible]

# Agenda

Regular Expressions

Generic Collections

Iterators

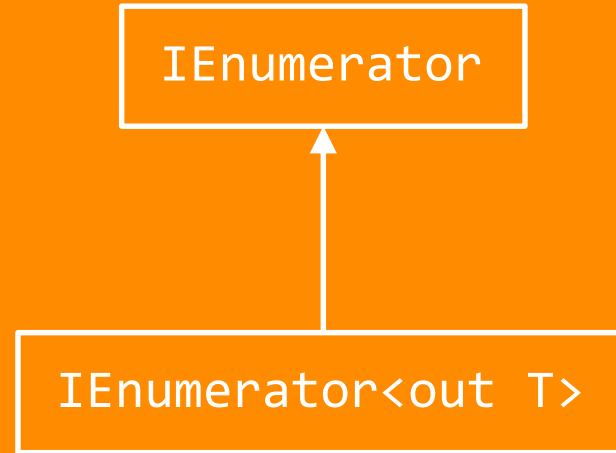
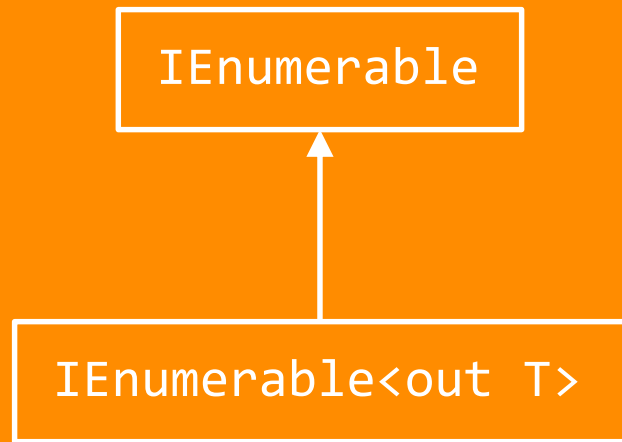
# Regular Expressions

*	Zero or more times the previous character
+	Once or more times the previous character
?	Zero or one time the previous character
.	Any single character (not \n)
\s	Any whitespace character (e.g. tab)
\S	Any non-whitespace character
\b	Word boundary
\B	Any non-word boundary position
\w	Any word character (a-z, A-Z, 0-9)
\W	Any non-word character
^	Start of the input text
\$	End of the input text

# Regular Expressions

[1c]	matches character '1' or 'c'
[a-z]	matches all lower-case letters
[a-zA-Z]	matches all letters
[0-9]+	matches integer numbers
[0-9]+\.[0-9]+	matches a floating point
[0-2][0-9]:[0-5][0-9]	matches a time e.g. 12:34

# Iterators



Producer

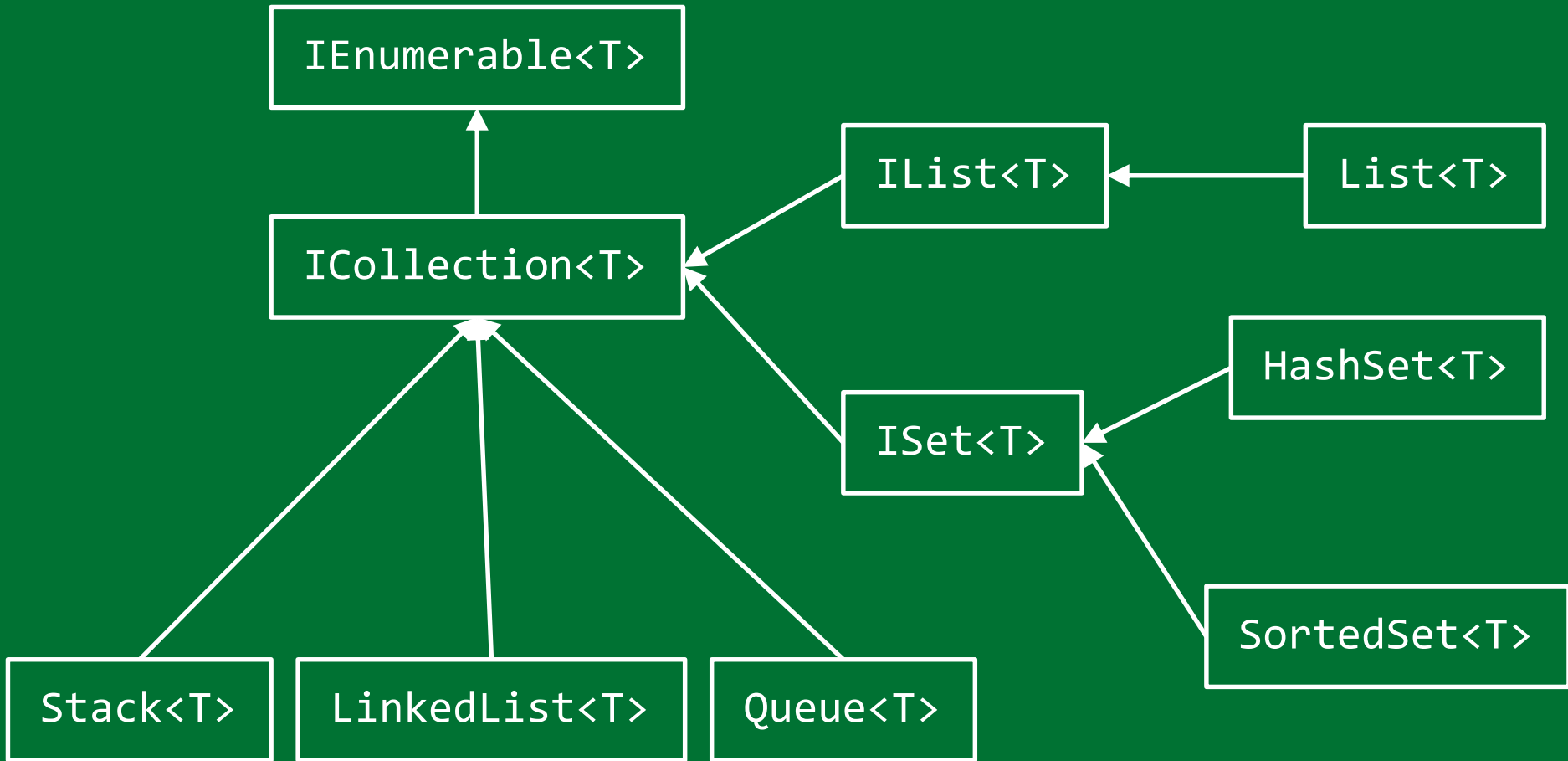
`yield return T;`

`yield break;`

Building block for Linq

```
foreach (var item in items)
{
}
```

# Collections



# Key/Value Collections

