

C-Sharp Mapping for Enumerations

A Slice [enumeration](#) maps to the corresponding enumeration in C#. For example:

Slice

```
enum Fruit { Apple, Pear, Orange };
```

Not surprisingly, the generated C# definition is very similar:

C#

```
public enum Fruit { Apple, Pear, Orange }
```

Suppose we modify the Slice definition to include a [custom enumerator value](#):

Slice

```
enum Fruit { Apple, Pear = 3, Orange };
```

The generated C# definition now includes an explicit initializer for every enumerator:

C#

```
public enum Fruit { Apple = 0, Pear = 3, Orange = 4 }
```

See Also

- [C-Sharp Mapping for Identifiers](#)
- [C-Sharp Mapping for Modules](#)
- [C-Sharp Mapping for Built-In Types](#)
- [C-Sharp Mapping for Structures](#)
- [C-Sharp Mapping for Sequences](#)
- [C-Sharp Mapping for Dictionaries](#)
- [C-Sharp Collection Comparison](#)
- [C-Sharp Mapping for Constants](#)
- [C-Sharp Mapping for Exceptions](#)