

Interfaces

Interfaces are introduced thru the **interface** keyword:

```
interface IFoo:  
    pass
```

Interface methods don't need to have a body:

```
interface IUnknown:  
    def QueryInterface(id as System.Guid) as object
```

But if they do it must be empty:

```
interface IFoodMachine:  
    def Spam():  
        pass
```

If a method in a interface does not declare a return type it is assumed to be **void** since there's no body with a return statement where to infer the type from. Thus the above interface declaration is equivalent to the following one:

```
interface IFoodMachine:  
    def Spam() as void
```

Interfaces can extend other interfaces:

```
interface ImALumberjackAndImOk:  
    def SleepAllNight()  
    def WorkAllDay()  
  
interface IWishIdBeenAGirlie(ImALumberjackAndImOk):  
    def JustLikeMyDearPappa()
```

Interfaces can be partial:

```
partial interface I:  
    def Foo()  
  
partial interface I:  
    def Bar()  
  
for member in typeof(I).GetMembers():  
    print member.Name
```