

Alt text

Figure 1: Alt text

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace DemoInterface
{
    public interface IBirth
    {
        string GetBirthDate();
    }
    public interface IWalk
    {
        string GetWalkSpeed();
    }

    public interface ITalk
    {
        string GetLanguage();
    }
    public interface IFly
    {
        string GetFlySpeed();
    }
    public interface IDeath
    {
        string GetLeftTime();
    }
}

using System.Runtime.InteropServices;
using DemoInterface;

Console.WriteLine("Hello, World!");
Human human = new Human();
Dog dog = new Dog();
Parrot parrot = new Parrot();
System.Console.WriteLine(human.GetLanguage());
```

```

System.Console.WriteLine(dog.GetWalkSpeed());
System.Console.WriteLine(parrot.GetFlySpeed());

public class Human:ITalk,IWalk,IDeath,IBirth
{
    public string GetLanguage()
    {
        return "it's People's language";
    }

    public string GetBirthDate()
    {
        return "the birth Date is xxx";
    }

    public string GetWalkSpeed()
    {
        return "the walking speed is ";
    }

    public string GetLeftTime()
    {
        return "congrats, you dont have much time left";
    }

}

public class Dog : IBirth, IWalk, IDeath
{
    public string GetBirthDate()
    {
        return "what? the dog was born a year ago";
    }

    public string GetLeftTime()
    {
        return "dog can really live long";
    }

    public string GetWalkSpeed()
    {
        return "the dog is walking, or more like running?";
    }

}

public class Parrot : IBirth, IFly, ITalk, IDeath, IWalk

```

```

{
    public string GetBirthDate()
    {
        return "this P is born in 2020";
    }

    public string GetFlySpeed()
    {
        return "Parrot can fly, indeed";
    }

    public string GetLanguage()
    {
        return " you are just mocking people";
    }

    public string GetLeftTime()
    {
        return "Parrot can live for 80 years";
    }

    public string GetWalkSpeed()
    {
        return "Parrot can walk like 80mph";
    }
}

```