

Forum:[Hack Forums](#)

Thread: [Get methods of inheritance class](#)

JuicyProgramming - January 7, 2017, 1:29 pm

Hello,

I am building an application for my school project and I am trying to loop through a list of Cars.

A BMW is a Car.

I am looking to do something with the attribute I have in the BMW class but I am looping through a list cars so I am unable to get the attribute only the BMW has.

if (_carList.ElementAt(idx) is BMW)

then do something with that BMW object.

The Car class only has 2 attributes but the BMW class has another one. I am trying to get the specific one for the BMW but I am only able to get the 2 car attributes. I am sure there is a quick fix for this.

Anyone? Thanks :)

Have a nice day.

TCP - January 7, 2017, 1:58 pm

Supposing you have a situation like this

Code class Obj

```
{  
    public string p1, p2;  
}
```

class Obj2 : Obj

```
{  
    public string p3;  
}
```

When you check if Obj is also Obj2 you can simply alter the casting

Code if (olist.ElementAt(idx) is Obj2)

```
{  
    var o = (Obj2)olist.ElementAt(idx);  
    Console.WriteLine(o.p3);  
}
```

And you should have an Obj2 with his properties

JuicyProgramming - January 7, 2017, 2:23 pm

(Jan 7, 2017 02:58 PM)KitKat707 Wrote: [\[CITE\]](#) -snip-

Exactly what I needed. Thanks!