

# Re: Reflection

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2005-04/msg02409.html>

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  - *Date:* Mon, 11 Apr 2005 01:20:38 +0200
- 

You can use the line

```
object obj = Activator.CreateInstance(type, new object[] { id,
creationTime });
```

That's it! Alternatively you can use Reflection, but above method is probably more secure:

```
using System;
using System.Reflection;

namespace YourNamespace
{
    public class ObjectFactory
    {
        private static readonly Type[] parameterTypes = { typeof(int),
typeof(DateTime) };

        public static object CreateObject(Type type, int id)
        {
            if (type == null)
                throw new ArgumentNullException("type");

            DateTime creationTime = DateTime.Now;

            // find the constructor
            ConstructorInfo constructor =
                type.GetConstructor(parameterTypes);

            if (constructor == null)
                throw new ArgumentException("The type is not valid.",
                    "type");

            // create and return the object
            return constructor.Invoke(new object[] { id, creationTime });
        }
    }
}
```

}

Mark

"Alexandre" <alexandre.brisebois@xxxxxxxx> schrieb im Newsbeitrag  
[news:1112991635.624470.183750@xx](mailto:news:1112991635.624470.183750@xx)

> Hi,  
>  
> i currently know how to instantiate an object  
> which has no parameters in the constructor.  
>  
> but i have objects which do have parameters in the  
> constructor, how do i go about instantiating it.  
>  
> can some one please point me in the right direction?  
>  
> i have looked into the activator, and into the  
> getconstructors as well as get parameters for methods and so on  
> but for some odd reason i never am able to instantiate my objects  
>  
> the reason for my problem is this,  
>  
> WHAT WORKS :  
>  
> i am taking an object using reflection i am doing the following :  
>  
> – insert into a data base  
> – create table  
> – create and break constraints  
> – drop tables  
> – delete from table  
> – update redord or records  
> ...  
>  
> WHAT DOES NOT WORK  
>  
> i am not able to create my ojects from a select...  
>  
> i do my select have everything in the dataset  
> i iterate through the dataset yet i am unable  
>  
> to instantiate my objects  
> my default constructor for my objects is as folows  
>  
> constructor(int Id)  
> constructor(int Id, DateTime CreationTime)  
>  
> the more im thinking about this problem  
> the less i see solutions and the more im thinking

## Re: Reflection

- > of having the "int Id" removed and simply put as
- > a property like the reste of all the objects information....
- >
- > if anyone has any ideas about this or leads thoughts solutions anything
- > please
- > help me out
- >
- > Alexandre
- >

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- **References:**

- **Reflection**

- *◇ From: Alexandre*

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