

Re: Reflection

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<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

> 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

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- > 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
- >

- **References:**

- **◆ Reflection**

- **◇ From:** Alexandre

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