

## Re: Generics passing Class type

---

*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2006-08/msg03607.html>

---

- *From:* "Marc Gravell" <[marc.gravell@xxxxxxxxx](mailto:marc.gravell@xxxxxxxxx)>
  - *Date:* 17 Aug 2006 22:02:47 -0700
- 

So no, this (generic inheritance) is illegal:

```
class MyEditingControl<T> : T, IDataGridViewEditingControl
{ ... }
```

However you could do this:

```
class MyEditingControl<T> : IDataGridViewEditingControl where T :
Control
{
private T Control; // either pass in via ctor, or declare T: new()
and create
}
```

i.e. you can *\*contain\** a T which you can then display in the UI, and manipulate (using only, by default, the properties on the known base-class, i.e. those of Control in this case).

Marc

.