

Q: I have subclassed Button and ButtonCell in my application. I am setting the cell class for my button in the **-init:** method for my Button subclass like this:

```
@implementation MyButton : Button

-init
{
    [super init];
    [MyButton setCellClass: [MyButtonCell class]];
    return self;
}
@end
```

However my cell class is not being created and initialized properly. What is going on?

A: **setCellClass:** is a factory method and must occur prior to any instance creation. **-init:** is too late. The correct place to do this is in the **+initialize** factory method for your Button subclass (which is called before any instances are created). This problem can occur with all Cell subclasses such as TextField and NXBrowser. (**+initialize** is an Object factory method; see the Object class specification sheet for more information.)

```
@implementation MyButton : Button

+initialize
{
    [super initialize];
    [MyButton setCellClass: [MyButtonCell class]];
}
```

```
        return self;  
    }  
@end
```

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Valid for 2.0, 3.0