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Thread: [C# CustomValidator for valid DateTime](#)

ShadowCloud - November 13, 2010, 6:26 am

Hi Guys

I wasted quite a bit of time on this, so hopefully it will assist someone else:

Add a custom validator and on the properties window just set the ID and ControlToValidate

Then double click and add:

```
Code Boolean valid = new Boolean();
    args.IsValid = ValidateDateTime(valid, source);
Now we need to write the ValidateDateTime function
```

```
Code protected Boolean ValidateDateTime(Boolean valid, object source)
{

    DateTime VerifyDate;
    CustomValidator current = (CustomValidator)source;
    TextBox TempControl = (TextBox)FindControl(current.ControlToValidate);

    valid = false;

    try
    {
        VerifyDate = DateTime.Parse(TempControl.Text);
    }
    catch (Exception ex)
    {
        current.ErrorMessage = "Please enter a valid date/time";
        return false;
    }

    if (VerifyDate < DateTime.Today)
    {
        current.ErrorMessage = "The date cannot be in the past";
        return false;
    }

    return true;

}
```

This will work as long as you are validating a textbox. The ID of the validator as well as the textbox is dynamically calculated (from source and source.ControlToValidate so there is no need to alter it to make it work :))

BTW: Here is the markup for an actual custom validator (which uses the above code)

Code <asp:CustomValidator ID="ControlID" runat="server"
ControlToValidate="ControlToCheck" ErrorMessage="Some message"
onservervalidate="ControlID_ServerValidate"></asp:CustomValidator>

(The onservervalidate event will be added when double clicking on the control)
You can also reuse this code for all the validators on the page.