
Subject: Re: Gate() or flow control problem
Posted by [pntkl](#) on Tue, 10 Jul 2007 23:59:03 GMT
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Ok,

I understand what you're saying, Mirek. I'm not sure what gave me the impression I needed to use THISBACK(); in the condition...

Thanks again, Mirek. Now I just need to find out what my Sha1 instance is doing...

<EDIT>

I was calling the instance in the header file, instead of in its proper scope (User::Add()).

</EDIT>

Is crypto.h going to include other algorithms and will it be documented at all? It took me a while to realize crypto.

These are the relevant code changes:

```
void
User::Add()
{
    if(!IsNull(~modify.EditFName) && !IsNull(~modify.EditLName) && !IsNull(~modify.EditUser) &&
    !IsNull(~modify.EditPass) && !IsNull(~modify.DropGroup))
    {
        //if(!Gate(Validate())) <-- Removed.
        match = false;
        Validate();
        if(!match) // <-- bool match; added to User.h
        {
            Sha1 sha; // <-- Removed from User.h
            sha.Put(~modify.EditPass);
            String hashpass = sha.Finish();
            userarray.Add(~modify.EditFName, ~modify.EditLName, ~modify.EditUser, hashpass,
~modify.DropGroup);
            userarray.GoEnd();
            modify.EditFName <=<= modify.EditLName <=<= modify.EditUser <=<= modify.EditPass <=<=
modify.DropGroup <=<= Null;
            ActiveFocus(modify.EditFName);
            // sha.Put("", 0); <-- Removed. What was I thinking?!
        }
        else
            PromptOK("First and last name or user already exists!");
    }
    else
        PromptOK("Please complete all fields!");
```

```

}

void
User::Validate()
{
    int rcount = userarray.GetCount();
    if(rcount > 0)
    {
        for(int i = rcount - 1; i >= 0; i--)
        {
            String strFirstName = ~modify.EditFName;
            String strColFirstName = userarray.GetColumn(i, 0); // Get the First Name
            String strLastName = ~modify.EditLName;
            String strColLastName = userarray.GetColumn(i, 1); // Get the Last Name
            String strUser = ~modify.EditUser;
            String strColUser = userarray.GetColumn(i, 2); // Get the User Name

            if(CompareNoCase(strFirstName, strColFirstName) && CompareNoCase(strLastName,
strColLastName) || CompareNoCase(strUser, strColUser))
            {
                match = false; // <-- Reversed, I guess CompareNoCase returns true--with no match?
            }
            else
            {
                match = true;
                break;
            }
        }
    }
    else
    {
        match = false;
    }
}

```
