
Subject: sessions in Skylark

Posted by [Peter](#) on Wed, 12 Dec 2012 22:26:58 GMT

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Hello.

I wrote a very simple authorization system using sessions. The general idea is as follows. I have two pages: main page and the other one with a login form. If the user tries to enter the main page without logging in, he/she will be redirected to login page. When the correct login ("john") and password ("doe") are given, a new session is established, the user gets redirected to the main page and a success message is displayed. This part works fine, here's the code:

main.cpp:

```
#include <Skylark/Skylark.h>
```

```
using namespace Upp;
```

```
SKYLARK(Login, "login")
{
    http.RenderResult("Sessions/login");
}
```

```
SKYLARK(HomePage, "")
{
    if(!IsNull(http[".SESSID"]))
        http.Redirect(Login);
    else
        http << "<html><body>You are logged in.</body></html>";
}
```

```
SKYLARK(HomePagePost, "post:POST")
{
    if((String)http["login"] == "john" && (String)http["password"] == "doe")
    {
        http.SessionSet(".SESSID", (int)Random());
        http.Redirect(HomePage);
    }
    else
        http.Redirect(Login);
}
```

```
SKYLARK(CatchAll, "**")
{
    http.Redirect(Login);
}
```

```

struct MyApp : SkylarkApp {

    MyApp() {
        #ifdef _DEBUG
        prefork = 0;
        use_caching = false;
        #endif
    }
};

CONSOLE_APP_MAIN
{
    #ifdef _DEBUG
    StdLogSetup(LOG_FILE|LOG_COUT);
    Ini::skylark_log = true;
    #endif
    MyApp().Run();
}

```

login.witz:

```

<html>
<body>
<form action=$HomePagePost method="post" accept-charset="utf-8"
enctype="multipart/form-data">
  <P>
    $post_identity()
    Login:<INPUT type="text" name="login" id=""><br>
    Password:<INPUT type="password" name="password" id=""><br>
    <INPUT type="submit" value="Log in">
  </P>
</form>
</body>
</html>

```

Now I'd like to be able to decide how long a session should last before it expires. Unfortunately I don't know how to do it. The way it works now is as follows: in IE and Chrome the session doesn't expire until I close the browser window. In Firefox I remain logged in even after closing the browser window and opening a new one.

Let's say I want session to expire one minute after logging in. I thought setting SkylarkSessionConfig::expire to 60 would do the trick, but it didn't. I also tried to use Http::ClearSession, but it didn't work the way I expected. Can you please give me some tips?