Subject: Skylark OO (reposted from PM)
Posted by mirek on Sat, 20 Apr 2013 12:37:15 GMT
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Hello Mirek,

Do you have any plans to make Skylark object orientated? And maybe using MVC?
If you know CakePHP, object orientated in that direction, using components, elements, helpers, etc.

I've tried something in that direction, but i've hit procedural design of skylark.

```
#define SKYLARK_C(klass, method, path)\
INITBLOCK {\
 klass obj;\
 UPP::RegisterHandler(callback(&obj, &klass::method), #klass"_"#method, path);\
}
```

```
SKYLARK_C(Test, test, "")
SKYLARK_C(Test, user, "user")
```

That works, but has the requirement to have Http& as parameter to each class method. Another problem is when trying to route to same method (i.e SKYLARK_C(Test, user, "super/user")). I think id should not be tied with route and object (or function), i should find another solution and allow different routes to same method. Current implementation doesn't allow that too, but would be possible to create a new function which share code.
IMO Skylark is too procedural, loosing what language has to offer . Maybe it was designed for file to be considered as object and SKYLARK() as it's methods?
Example:
```
// User.icpp
// shared code here
int something = 10;
void doSomething() {}
// end shared code
SKYLARK(UserLogin, "user/login")
{
   doSomething();
   // and something else
}
SKYLARK(UserLogout", "user/logout")
{
   doSomething();
}
```

I'm wondering where should i put the code to know if user is authenticated and if some method is allowed for current user. Should that be in each method?
In an OO design, class would have virtual method beforeAction (or some other name) which would make possible to skip processing of code if it would return false, or maybe call some other

method of class, and call view render earlier.
I would like to use skylark, but right now i don't see it as being practical.
Also there are problems when javascript code is inlined in template. I.e.:
<script type="text/javascript">
$("#test").button();
</script>
get converted to
<script type="text/javascript">
#test.button();
</script>

Should i escape it somehow?

Best regards,
Andrei