

## U++ - Feature #323

### Customizable signal handlers in Skylark

09/03/2012 07:41 PM - Jan Dolinár

<b>Status:</b>	Approved	<b>Start date:</b>	09/03/2012
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Jan Dolinár	<b>% Done:</b>	100%
<b>Category:</b>	Wpp (web framework)	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Description</b>			
<p>What about adding a callback to SkylarkApp that could be called on SIGUSR1 signal?</p> <p>My current use-case would be assigning ReopenLog() to the callback to allow simple log rotation using logrotate daemon (I would use LOG_ROTATE log option, but it rotates only when restarting application). Also, similar Callback could be added for SIGUSR2, but for now I am happy with one :)</p> <p>Patch is attached, please review and apply if you think it it won't make any trouble.</p>			

#### History

##### #1 - 09/03/2012 08:48 PM - Miroslav Fidler

- Assignee changed from Miroslav Fidler to Jan Dolinár

Should not it be rather virtual method than Callback in this case?

##### #2 - 09/03/2012 11:06 PM - Jan Dolinár

- Assignee changed from Jan Dolinár to Miroslav Fidler

You mean making void SkylarkApp::Signal(int signal) virtual? Well, that might be actually even better :) And some of the variables could be protected in this case (quit, main\_pid and child\_pid), to allow fine control over the signals.

##### #3 - 09/05/2012 08:48 AM - Miroslav Fidler

- Status changed from Patch ready to New

- Assignee changed from Miroslav Fidler to Jan Dolinár

Jan Dolinár wrote:

You mean making void SkylarkApp::Signal(int signal) virtual? Well, that might be actually even better :) And some of the variables could be protected in this case (quit, main\_pid and child\_pid), to allow fine control over the signals.

No, just using virtual method instead of Callback. I mean, it is unlikely that we would want to invoke something outside Skylark derived "MyApp"....

##### #4 - 09/05/2012 10:41 AM - Jan Dolinár

Ok, I'll leave to your better judgment. As far as I can use signal for log rotation and similar tasks, I'll be happy :)

**#5 - 09/09/2012 11:25 AM - Miroslav Fidler**

- Status changed from New to Ready for QA

**#6 - 09/09/2012 12:40 PM - Miroslav Fidler**

- Priority changed from Normal to Immediate

**#7 - 10/01/2012 08:14 PM - Miroslav Fidler**

- Status changed from Ready for QA to Approved

**#8 - 10/19/2012 05:17 PM - Jan Dolinár**

Hi Mirek,  
just one more question: Is there any reason for the fact that the signal handling is only available in the preforked mode? Most signals (SIGTERM,SIGALRM,SIGHUP and SIGINT) are probably not necessary in single process mode, but I believe that at least the SIGUSR1 handler should be set always.

**Files**

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sigusr.patch	1.49 KB	09/03/2012	Jan Dolinár
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