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Subject: Re: Maintaining state

Posted by [AJM](#) on Thu, 27 Aug 2015 10:08:36 GMT

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If you look at the `initSession()` function inside `include.session.inc` you will see that it looks for an entry in `$_SESSION['pages'][$PHP_SELF]`, and then extracts `$_SESSION['pages'][$PHP_SELF][$task_id]` into a global variable called `$script_vars`. The contents of `$script_vars` is then extracted into individual variables such as `$where`, `$search`, et cetera.

There is a separate copy of `$script_vars` for each script and this is constructed BEFORE the script is called by the calling script. This means that if script "A" calls script "B" then `$script_vars` for "B" will be constructed by "A" using the `scriptNext()` function, and this will include any arguments that need to be passed from "A" to "B". When control is passed from "A" to "B" the `$script_vars` for "A" will remain in `$_SESSION` so that when control is returned to "A" it will be able to resume from where it left off. When "B" terminates the `scriptPrevious()` function will cause `$script_vars` for "B" to be dropped (unless the "Keep data" option on `MNU_TASK` is set), update the `$script_vars` for "A" with any values that need to be returned, then cause "A" to be reactivated. Script "A" will then be able to resume from where it left off, but now it will also have any values that were returned from script "B".

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