

## Smuxi - Task # 768: New Command API

<b>Status:</b>	New	<b>Priority:</b>	Normal
<b>Author:</b>	Mirco Bauer	<b>Category:</b>	Engine
<b>Created:</b>	10/13/2012	<b>Assigned to:</b>	Mirco Bauer
<b>Updated:</b>	01/24/2014	<b>Due date:</b>	
<b>Complexity:</b>	High		
<b>Subject:</b>	New Command API		
<b>Description:</b>			

### History

#### 10/13/2012 03:33 PM - Mirco Bauer

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<pre>
16:34:40 <meebey> its far from trivial though, as there is no solution yet
16:34:46 <meebey> it should be Mono.Addins based IMHI
16:34:48 <meebey> IMHO
16:34:55 <meebey> or MEF
16:35:20 <meebey> so before the refactoring, it would be prototyping
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<pre>
16:42:48 <meebey> from a invoking PoV, a new command API would not have any advantage
16:43:01 <meebey> but the issue is, there is no registry
16:43:09 <meebey> commands are delegated
16:43:18 <meebey> from frontend to engine to protocol manager
16:43:25 <meebey> so the frontend doesnt know which commands exists
16:43:31 <meebey> thus no command completion
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<pre>
16:58:23 <meebey> IMHO commands should be seen as "modules" and they are bound to 3 different domains: a) frontend b) engine c) protocol
manager
16:58:43 <meebey> because each command by definition has no relation to others
16:58:49 <meebey> from a structure PoV
16:58:49 <ker> hmm... true
16:59:01 <meebey> they dont share state
16:59:07 <meebey> thus they should not be in the same class
16:59:30 <ker> but a subclass of the same base Command class
16:59:44 <meebey> sure, only to have a generic implementation
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<pre>
17:01:25 <meebey> you delegate the CommandModel instance to a command invoker, which is a factory that knows all commands
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<pre>
17:15:04 <meebey> IMHO in a perfect world, anything should be an aliase if its non-ambiguous
17:15:10 <meebey> s/would/world/
17:15:28 <meebey> say, /j #foo should work as long as /join is the only command that starts with a j
17:15:36 <meebey> /usr/bin/ip does that
17:15:43 <meebey> ip addr
17:15:45 <ker> yea, that's neat
17:15:45 <meebey> ip add
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17:15:46 <meebey> ip ad  
17:15:47 <meebey> ip a  
17:15:48 <meebey> all work  
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