

CyborgHood - Enhancement #177

Rework component dependencies

2010-10-31 19:09 - Marc Dequènes

Status:	Resolved	Start date:	2010-10-31
Priority:	Normal	Due date:	
Assignee:	Marc Dequènes	% Done:	100%
Category:	Global :: Architecture	Estimated time:	0:00 hour
Target version:	0.4.0	Branch:	
Patch Available:	No	Help Needed:	
Found in Versions:			
Confirmed:	No		

Description

Now that the DNS services has been reworked and is much cleaner, i was about to use a Factory, but i discovered the details about the dependency injection pattern, and it seems quite a better design.

We should then try to use the [Needle library](#) and construct a Service Library. The bot would then instantiate its registry and be able to plug parts à needed. This will help split the CyborgHood framework in logical pieces.

Moreover, the *deferred* Service Models can help autoload a service with its dependencies.

History

#1 - 2010-10-31 19:10 - Marc Dequènes

We need to check if we switch to the default Ruby logger or keep log4r, which is perfectly fine.

#2 - 2010-10-31 19:12 - Marc Dequènes

- *Category set to Global :: Architecture*

#3 - 2011-03-04 00:30 - Marc Dequènes

- *Status changed from New to In Progress*

- *% Done changed from 0 to 60*

Going in the Needle direction.

Core is now using a limited DI configuration, but MapMaker and Librarian use it more widely.

I do not intend to get something final in order to close this ticket, but when the Postmaster is ready and the Core is improved a bit, a first important step would be achieved.

#4 - 2011-03-12 11:39 - Marc Dequènes

- *Status changed from In Progress to Resolved*

- *% Done changed from 60 to 100*

All bots now use DI and the rest of the core work is delayed into [#205](#).