~~Clean up code. Move robot specific function, like message parsing, out, and have FUNCs in a separate class. Thus make it easy to swap to non-Symphony chat provider~~. -> DONE

Method chaining:

<https://medium.com/@sawomirkowalski/design-patterns-builder-fluent-interface-and-classic-builder-d16ad3e98f6c>

<https://docs.microsoft.com/en-us/ef/ef6/modeling/code-first/fluent/types-and-properties>

<https://en.wikipedia.org/wiki/Fluent_interface>

Topshelf

<http://docs.topshelf-project.com/en/latest/overview/commandline.html>

D:\APP\QRABot>QRABotService.exe help

D:\APP\QRABot>QRABotService.exe install --delayed -username:NT0001\C8373505 --interactive -servicename "QRA Chat Bot" -description "QRA chat bot. Contact QuantitativeRiskAnalytics. Search Confluence for 'QRABot'."

<https://docs.microsoft.com/en-us/aspnet/core/fundamentals/host/generic-host?view=aspnetcore-3.1>

<http://go-superfly:8153/go/admin/pipelines#group-Application_Services>

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| **Pipeline** | **Actions** |
| --- | --- |
| [Loan\_Crystal\_Web](http://go-superfly:8153/go/admin/pipelines/Loan_Crystal_Web/general) | * [Edit](http://go-superfly:8153/go/admin/pipelines/Loan_Crystal_Web/general) * [Move to](http://go-superfly:8153/go/admin/pipelines/possible_groups/Loan_Crystal_Web/5736f1ebefdcc918631113db4c0400cb) * [Clone](http://go-superfly:8153/go/admin/pipelines) * [Delete](http://go-superfly:8153/go/admin/pipelines) * Extract Template |
| [SuperQuoterService](http://go-superfly:8153/go/admin/pipelines/SuperQuoterService/general) | * [Edit](http://go-superfly:8153/go/admin/pipelines/SuperQuoterService/general) * [Move to](http://go-superfly:8153/go/admin/pipelines/possible_groups/SuperQuoterService/5736f1ebefdcc918631113db4c0400cb) * [Clone](http://go-superfly:8153/go/admin/pipelines) * [Delete](http://go-superfly:8153/go/admin/pipelines) * Extract Template |
| [SuperQuoterService\_Icinga\_Only](http://go-superfly:8153/go/admin/pipelines/SuperQuoterService_Icinga_Only/general) | * [Edit](http://go-superfly:8153/go/admin/pipelines/SuperQuoterService_Icinga_Only/general) * [Move to](http://go-superfly:8153/go/admin/pipelines/possible_groups/SuperQuoterService_Icinga_Only/5736f1ebefdcc918631113db4c0400cb) * [Clone](http://go-superfly:8153/go/admin/pipelines) * [Delete](http://go-superfly:8153/go/admin/pipelines) * Extract Template |
| [SuperFly.Framework](http://go-superfly:8153/go/admin/pipelines/SuperFly.Framework/general) | * [Edit](http://go-superfly:8153/go/admin/pipelines/SuperFly.Framework/general) * [Move to](http://go-superfly:8153/go/admin/pipelines/possible_groups/SuperFly.Framework/5736f1ebefdcc918631113db4c0400cb) * [Clone](http://go-superfly:8153/go/admin/pipelines) * [Delete](http://go-superfly:8153/go/admin/pipelines) * Extract Template |
| [SuperFly.SuperQuoter.TradeService](http://go-superfly:8153/go/admin/pipelines/SuperFly.SuperQuoter.TradeService/general) |  |

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<https://azuredevops.danskenet.net/Main/Quant%20Application%20Development>

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<https://azuredevops.danskenet.net/Main/Quant%20Application%20Development/_git/SuperFly.TestService>

**Setting servers/clients up for QRA bot access:**

# Enable-WSManCredSSP -Role Server

# Enable-WSManCredSSP -Role "Client" -DelegateComputer plingo3-wnumbers

# Remote Management Users add c user to this one.

#1+3 server

#2 client masknie (plingo6)

Run to check what’s already setup:

Get-WSManCredSSP

