HGO.Hub (.Net Library for implementing In-Process Messaging mechanism)

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HGO.Hub is a simple library for implementing Event Sourcing, Pub/Sub, Mediator, CQRS Pattern with **multiple handlers** in .NET. With this package you can easily implement Wordpress Hooks (Action/Filter) in your ASP.Net project.

There are 4 type of messages that you can send via `IHub` into pipeline, each type of message will be delivered automatically to corresponding handler.

- `Event`: These type of messages will be published into pipeline as an event, events will be handled by multiple corresponding handlers asynchronously and in parallel. Also, events do not return any value.
- `Action`: These type of messages will be published into pipeline as an action, actions will be handled by multiple corresponding handlers asynchronously and sequentially (based on `Order` property - lower numbers correspond with earlier execution). These types of messages are equal to events, with the difference that they are executed sequentially. Also, actions do not return any value. In general, actions are similar to WordPress Actions.
- `Filter`: Asynchronously and sequentially (based on `Order` property - lower numbers correspond with earlier execution) applies all the corresponding filter handlers which registered in the pipeline to the data and returns the filtered data. It has the same functionality as WordPress filters.
- `Request`: Asynchronously will sent a request (Command/Query) to corresponding handler and will return the response. You can have multiple handlers for a request, but just one of them will be executed (which has larger number in `Priority` property). with these type of messages you can implement CQRS and Mediator pattern.

For More information:

Nuget Package:

版本列表

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标签

ASP.Net .Net Components