Article
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Frontier: An abstraction layer for rapid REST development - Part 4 - Sharing data across router methods

Hello again and welcome to the next tutorial on this series: **Part 4 - Sharing data across router methods.** Here we are going to learn how to share a object containing data that is available for read across every router methods.

You're required to complete at least the Part 1 before entering this one. Still, this is supposed to be a really short tutorial, since there isn't much to be said about data sharing.

4. Sharing data across router methods

Straight to the point, simply define a method called:

```
 ClassMethod OnDataSet(data As %DynamicObject) As %Status
{
  set data.Message = "This 'Message' is shared between all methods."
  return $$$OK
}
```

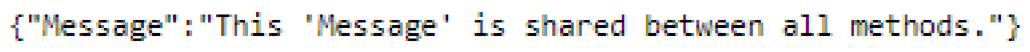
The data object is where you put whatever you need available for every method. This way all methods can access the data you provided by using:

```
ClassMethod GetMessage() As %DynamicObject
{
  return %frontier.Data
}
```

This is the method that you would bind to some route. Like this one:

```
<Route Url="/shareddata"   Method="GET" Call="GetMessage"/>
```

So now when you request a method using that Data, you'll notice that it can actually access it's contents.



```
{"Message":"This 'Message' is shared between all methods."}
```

This concludes the part 4. Next time, we're going to see how to force and handle application errors.

Keep in touch!

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