

## Upgrading MassTransit usage in all microservices

### Start

Our Trading microservice makes use of many MassTransit types related to our Saga state machine. Many of these have changed in MassTransit version 8, so let's see what we need to do to move Trading to that new version.

### In Trading repo

1. Upgrade the Play.Common package reference to the one just published to GitHub
2. Upgrade MassTransit.MongoDb package reference to v 8.0.2
3. Update PurchaseState.cs to use the MassTransit namespace only.
4. Update context.Instance to context.Saga in PurchaseStateMachine and CalculatePurchaseTotalActivity
5. Update context.Data to context.Message in PurchaseStateMachine and CalculatePurchaseTotalActivity
6. Update Activity to IStateMachineActivity in CalculatePurchaseTotalActivity
7. Update Behavior to IBehavior in CalculatePurchaseTotalActivity
8. Remove AddMassTransitHostedService and AddGenericRequestClient in Startup.cs
9. Change the AddJsonOptions call in Startup.ConfigureServices to:  
`.AddJsonOptions(options => options.JsonSerializerOptions.DefaultIgnoreCondition = JsonIgnoreCondition.WhenWritingNull);`

### In Identity and Inventory repos

10. Upgrade the Play.Common package reference to the one just published to GitHub
11. Update GreenPipes namespace to MassTransit namespace in Startup

### In Catalog repo

12. Upgrade the Play.Common package reference to the one just published to GitHub

### 13. Commit and push in all repos

In the next lesson you will enable OpenTelemetry for your Trading microservice.