# Real World Big Data in Azure

**Module 2 Setup Instructions**

In Module 2 we connect the REST API from Module 1 to send events to Azure Event Hubs.

## Telemetry

This is the demo solution for the course. In this module we have projects for the Web API and the Azure Cloud Service, but in the course we will add all the components to this solution.

### Pre-requisites

The demo solution is delivered in Visual Studio 2013.

The solution uses NuGet package restore to load packages during the build.

To enable this in Visual Studio, open *Tools…Library Package Manager…Package Manager Settings* and ensure both options (*Allow NuGet to download missing packages* and *Automatically check for missing packages during build in Visual Studio*) are ticked.

### Before

This is the solution code from the end of Module 1 with the REST API implementation in the project **Telemetry.Api**.

### After

By the end of the module we have integrated the REST API with Azure Events Hubs and we have acceptance tests which use a stub ingestion API instead of Event Hubs.

To run the solution you will need to finish the configuration in Web.config:

* replace [EVENT-HUB-CONNECTION-STRING] with your Event Hubs connection string
* replace [LOGGLY-URL-AND-TAG] with your Loggly URL (you can use Loggly with the free tier)

The solution also contains a Cloud Service project which you can use to publish the API to Azure – you will need to specify your Event Hub connection string in the environment settings for the **Telemetry.Api** role.