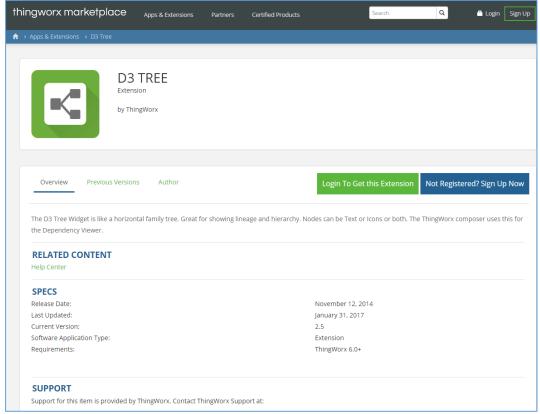| Example Title:	Tree Example
Description:	This example provides a ThingWorx javascript service that creates a hierarchical set of data that can be used to populate tree widgets.
Key Concepts:	Infotables, Tree Widget, D3 Tree Widget
Latest TW Version Used:	ThingWorx 7.4.0
Extensions Required:	D3 Tree Extension
Original Tech Sales Engineer:	John Ristey
Example Revision:	1.0 First Release

Setup:
1. Download the D3 Tree extension from the ThingWorx Marketplace - https://marketplace.thingworx.com/Items/d3-tree

2. Import the D3 Tree extension into ThingWorx
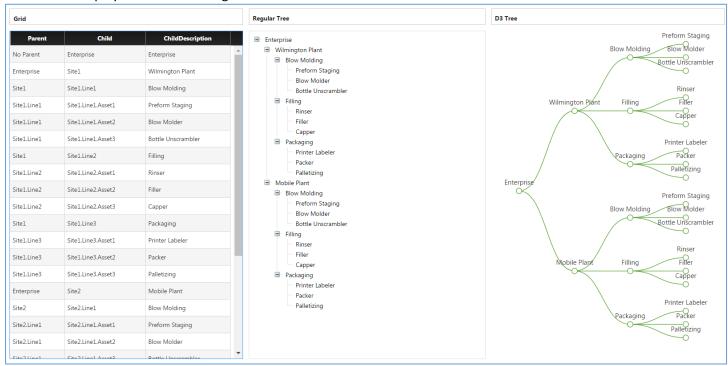3. Import the provided Entities.twx file

Entity Notes:
1. TreeDataServices – Thing – this is simply a Thing created from the GenericThing template. Its sole purpose is to provide an infotable result set of hierarchical data that can be displayed in a grid or tree widget. The service on this thing provides a good example of creating an infotable from a data shape in javascript and creating row objects and adding them to the infotable result.
2. TreeDataShape – this is simply the data shape that is used by the GetTreeHierarchyData service that lives on the TreeDataServices Thing.
3. TreeMashup – this is the mashup that shows how to configure the D3Tree widget and the Tree widget to display hierarchical data. The data is also shown in a grid.

Load / Run the Mashup:
1. Open the TreeMashup

This Technical Example is provided to share knowledge on specific ThingWorx topic(s). It does not necessarily represent a best practice or a supported approach.

2. Click the View Mashup button
3. The display should something look like:

4. In the mashup design view, you can examine the two tree widget properties to see how the widgets were configured.