

Parsley Version 2.0

User Guide

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[Software Change Log 3](#_Toc454197563)

[Introduction and Installation 3](#_Toc454197564)

[About the Parsley 3](#_Toc454197565)

[Installing the Parsley Extension 3](#_Toc454197566)

[Configuration and Usage 5](#_Toc454197567)

[Configuration 5](#_Toc454197568)

[Usage 5](#_Toc454197569)

[[Known Limitations and] Compatibility 5](#_Toc454197570)

[Document Revision History 5](#_Toc454197571)

# Software Change Log

|  |  |  |
| --- | --- | --- |
| Version | Release Date | Changes |
| 2.0.0 | 1/23/2017 | Initial Release |
| 2.0.7 | 1/23/2017 | * Fixed date parsing * Allow for CSV parsing without datashape if the file has headers |

# Introduction and Installation

Extensibility is a core aspect of the architecture and design of ThingWorx. Partners, third parties, and general ThingWorx users can easily add new functionality into the system, seamlessly. Extensions can be in the form of Service (function/method) Libraries, Connector Templates, Widgets, and more.

This document provides installation and usage instructions for the Parsley Extension.

## About Parsley

Parsley aims to allow you to parse CSV files, JSON Objects, and JSON Arrays into InfoTables as painlessly as possible.

The Parsley Extension for ThingWorx provides a Parsley Resource with the following services:

* ParseJSON
* ParseCSV.

This extension utilizes the Thingworx 6.6.5 SDK.

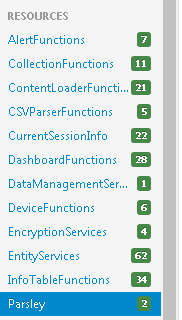
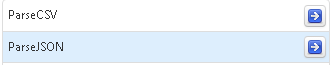
## Installing the Parsley Extension

|  |  |
| --- | --- |
| 1. From a web browser, launch ThingWorx. 2. Log into ThingWorx as an administrator. |  |
| 1. Go to **Import/Export > Import**. |  |
| 1. Click Choose File and select Parsley\_ExtensionPackage.zip 2. Click **Import**.  Note: If an **Import Successful** message does not display, contact your ThingWorx System Administrator. | Note: |
| 1. Click **Yes** to refresh Composer after importing the final extension. |  |
| 1. Confirm that the Extension has been imported properly. Check the Application Log for potential problems. |  |
|  |  |

## Usage

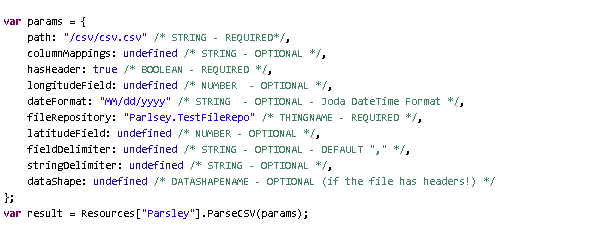
The Parsley Extension can be used by invoking any one of the following services through the Snippets tab when creating a new Service on any ThingWorx entity:

* ParseJSON
* ParseCSV

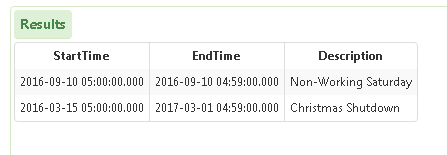


These services can be used to parse a JSON object or CSV file directly into an InfoTable result.

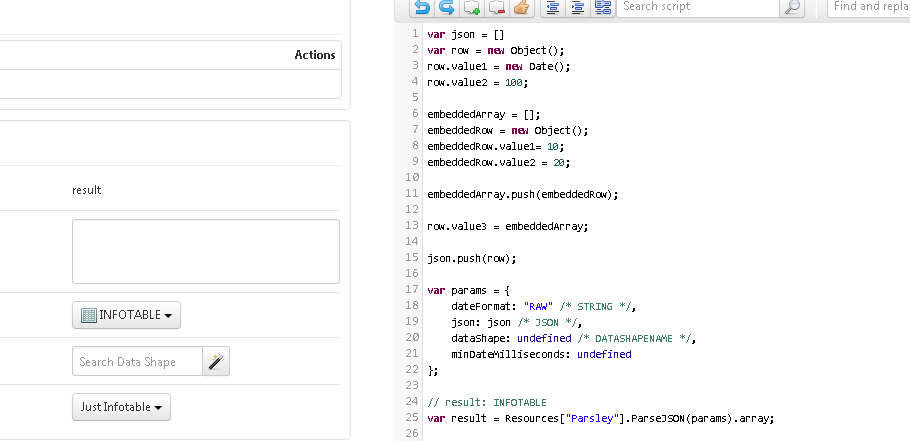
**ParseCSV**



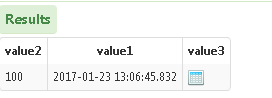
**Result**



**ParseJSON**



**Result**



# Compatibility

This extension was tested for compatibility with the following ThingWorx Platform version(s) and Operating System(s):

|  |  |
| --- | --- |
| ThingWorx Platform Version | ThingWorx 6.6.5 |
| OS | Windows 7, Service Pack 1 |

# Document Revision History

|  |  |  |
| --- | --- | --- |
| Revision Date | Version | Description of Change |
| January 23, 2017 | 1.1 | Initial Draft |