JD-UOM

Unit-of-Measurement Conversion Library for Delphi

# Summary

This library is a collection of tools to convert between a vast number of units of measurement. Third-party UOMs can be dynamically included, and numerous UOMs depend on other ones, such as Weight using Mass and Gravity, or Speed using Length and Time.

# Disclaimer

This library is in active development, and not ready for use.

# UOM\_V2 Branch

The Master branch is more or less the original code, before spawning a new branch “UOM\_V2”. This is where all new major development is being done to convert the entire library to a totally new infrastructure. More specifically, changing from statically-registered UOMs to dynamically-registered ones.

# JD.Uom.pas

This is the main unit which encapsulates the entire UOM infrastructure.

## Constants

### PartOfNumber

PartOfNumber = ['0'..'9', '.', ','];

### NumFormat

NumFormat = '#,###,###,###,##0.#############';

## Types

### TUOMSystem

TUOMSystem = (ustAny, ustMetric, ustUSCustomary, ustImperial, ustNatural);

### TUOMSystems

TUOMSystems = set of TUOMSystem;

### TUOMBase

TUOMBase = class;

### TUOMBaseClass

TUOMBaseClass = class of TUOMBase;

### TUOMUnitBase

TUOMUnitBase = class;

### TUOMUnitBaseClass

TUOMUnitBaseClass = class of TUOMUnitBase;

### TUOMUtils

TUOMUtils = class;