Graph Interface **Graph Subsystem Class Model** Name {I} Graph spec {I} **Graph Input Port** (See Specification subsystem) Graph {I, I2, R32, R33} Graph Interface {I,R32} provides Graph Spec {I, R32} Socket {12, R33} **Graph Port** R33 Socket Graph {I,R31} R31 $ID:Socket\:ID\:\{I\}$ Graph Interface [I,R31] Graph : Graph Name {I Graph Spec {I, R31} provides input to **Graph Output Port** Connection Graph {I, I2, R32, R34} Socket {I, R27} is provided by Graph Interface {I, R32} Flow {R27} Graph Spec {I, R32} **Graph Specification** R27 Graph {I, R27} Graph Flow {12, R34} defines Name {I} Name: Graph Name {I Graph spec {R25} (See Specification subsystem) , gets input from executes in Flow $ID: Flow ID \{I\}$ Graph : Graph Name {I] **Process Specification** Name {I} R28 (See Specification subsystem) **Process** Name: Process Name {I} **Process Input Port** Graph {I, R28} Process Spec {I, R28} Port name {I,R30} Process {I,R30} is provided by Process Spec {I, R30} Graph {I, I2, R30, R33} Process Interface {I,R30} Socket {I2, R33} **Process Port** Name : Port Name {I} R29 Process {I,R29} Process Spec {I, R29} Graph {I,R29} Process Interface {I,R29} **Process Output Port** Port name {I,R30} provides Process (I, R30) Process Spec {I, R30} **Process Interface** Graph {I, I2, R30, R34} Process Interface {I, R30} Name {I} Flow {12, R34} Process spec {I} (See Specification subsystem)

Copyright (c) 2020-21 Leon Starr

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.



This model was created by Leon Starr at

MODEL INTEGRATION, LLC

Graph Subsystem Class Model

Leon Starr
January 11, 2022
mint.dataflow.td.2
0.2.3

Model Integration, LLC / www.modelint.com