

What's New 7.1

In this first update to Enterprise Dynamics 7.1 a lot of small issues have been solved that has come to our attention in the period after official release 7.0.

4DScript

- 1: [QueryToTable](#) can now accept a 6th parameter to force text copy.
- 2: New [ADOCopyQueryToTable](#) copies the result of an ADO query to the table of an atom.
- 3: New function [DirectoryExists](#) checks whether a directory exists or not
- 4: Cursors can now be controlled using 4DScript. A full set is available containing: [ArrowCursor](#), [CrossCursorCrossCursor](#), [IbeamCursor](#), [HourglassCursor](#), [SizeNESWCursor](#), [SizeNSCursor](#), [SizeNWSECursor](#), [SizeWECursor](#), [UpArrowCursor](#), [DragCursor](#), [NoDropCursor](#), [HsplitCursor](#), [VsplitCursor](#), [MultiDragCursor](#), [SQLWaitCursor](#), [NoCursor](#), [AppStartCursor](#), [HelpCursor](#), [HandPointCursor](#) and [SizeAllCursor](#)
- 5: The main application window can now be turned on and off using the [ShowMainScreen](#) and [HideMainScreen](#) 4DScript commands
- 6: [GuiTreeNodeSelected](#) returns the selected tree node
- 7: Windows may be set to 'stay on top' using the [StayOnTop](#) command
- 8: [ADOQueryEdit](#), [ADOWriteQueryValue](#), [ADOWriteQueryText](#) and [ADOQueryPost](#) are new ADO commands to work with database functionality.

Engine

- 1: Round robin functionality for advanced transporter now works without any problems in cooperation with dispatcher and destinator
- 2: Windows Stay-on-top. By default, this functionality is turned off now (except for treeview, runcontrol and clock). It can be turned on using the 4DScript commands [StayOnTop](#)
- 3: The new advanced conveyors are placed in one group with all other conveyors. This to maintain clear group overview
- 4: Several issues with respect to OPC functionality, are fixed
- 5: An issue of the 4Dscript language interpreter involving extra parentheses or complex, nexted constructs, has been resolved
- 6: The search functionality has been greatly improved. Popup the search form using Ctrl + Shift + F.

General Atoms

- 1: [MultiService](#) - several problems fixed related to visualization and the new GUI
- 2: [Node](#) - Fixed GUI problems related to setting attributes
- 3: [Textbox](#) - Fixed GUI problems related to placement
- 4: [Time Schedule Availability](#) - Fixed GUI problems related to setting attributes. Also additional help
- 5: [Transporter](#) - Fixed problems related to pickup and placement

- 6: [Availability Control](#) - Improved up and down functionality. This proved to be a problem with some status measurements

Logistics Suite Atoms

- 1: [Advanced Non Accumulating Conveyor Curved](#) - minor fixes and sensors added
- 2: [Advanced Non Accumulating Conveyor Straight](#) - minor fixes and sensors added
- 3: [Advanced Accumulating Conveyor Straight](#) - minor fixes and sensors added
- 4: [Advanced Transporter](#) - Fixed problem when creating transporter before network.
- 5: [Buffer Conveyor](#) - Small attribute bugs solved
- 6: [Carousel Server](#) - Fixed input strategy
- 7: [Left Curved Accumulating Conveyor](#) - Fixed bug that transferred GUI values to the atom
- 8: [Left Curved Non Accumulating Conveyor](#) - Fixed bug that transferred GUI values to the atom. Also some additional attributes can now be set
- 9: [Network Controller](#) - Some bugs were fixed and it is now also possible to influence the required tables
- 10: [Right Curved Non Accumulating Conveyor](#) - Added functionality so that several spacing rules can now be selected
- 11: [Stacker](#) - Fixed GUI because of wrong field reference
- 12: [Turntable Unit](#) - Fixed GUI components

Help

- 1: The functions [TravelTo](#) and [MovingTo](#) did not contain a link to the function [TravelEventCode](#).
- 2: Improved and added help for more 4DScript functions.

General

1. Dongletest.exe is now improved and now also uses the latest HASP API like Enterprise Dynamics
2. If a model file was double-clicked from the explorer and cancel was pressed in the application selection dialog multiple access violations could occur. This problem has been fixed.