



**RELEASE HIGHLIGHTS**  
**ENTERPRISE DYNAMICS 10.4.1**



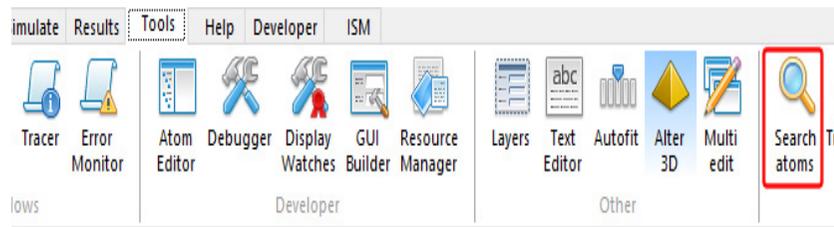
# RELEASE HIGHLIGHTS ENTERPRISE DYNAMICS 10.4.1

**Design, validate and optimize your Supply Chain including specific issues related to manufacturing, (re-) allocation and logistics? Enterprise Dynamics® is the industry simulation solution. INCONTROL is happy to announce the release of Enterprise Dynamics® 10.4.1!**

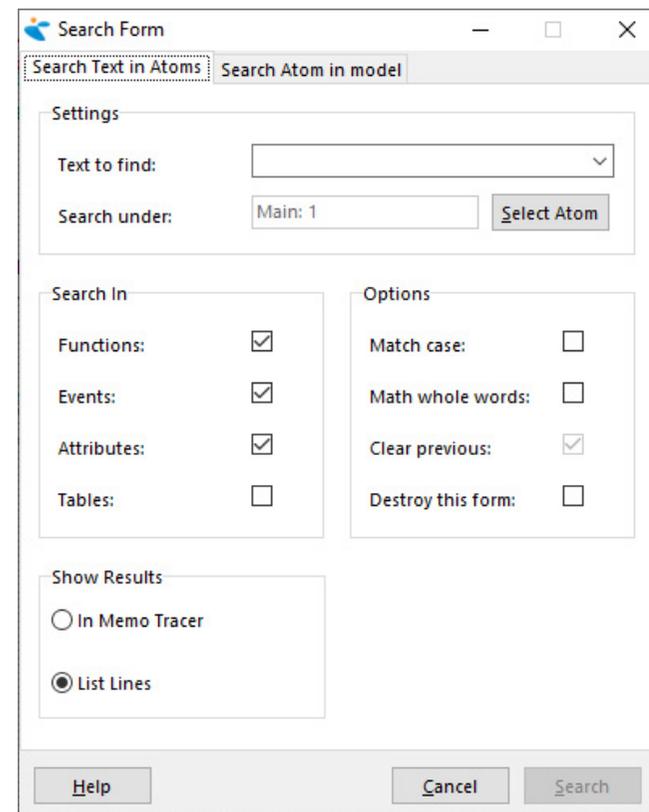
With the latest version of Enterprise Dynamics® we have added three highly requested new features and solved the small issues that came forward after the release of 10.4.

## New features

- **Improved search options: “Text in atom” now also searches in cells of a table**  
The search functionality (Ctrl + Shift + F, or Tools | Search atoms) is helping to search for a specific piece of text in Functions, Events and/or Attributes.



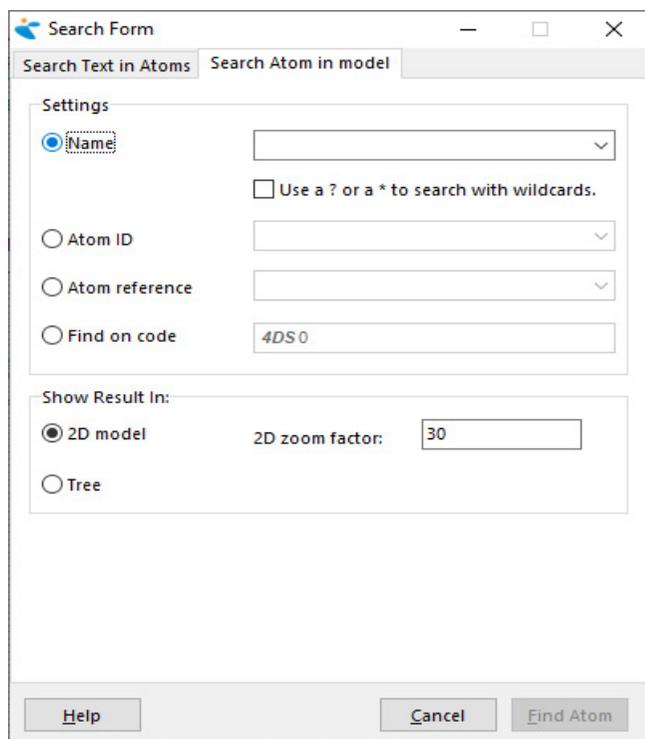
Sometimes, however the data that needs to be found is stored in a table. Therefore the Search form is expanded and now also contains the option to search in tables. Note that this option is not standard on, since it can slow down the search routine when the tables in a model are very large.



- **Improved search options “Atom in model” now also works using wildcards**

It was already possible to search for only a part of an atom name, with each occurrence being listed.

However, sometimes such a search is giving not that what you’re searching for. For these more advanced searches, it is now possible to create a search with wildcards, where a “?” stand for a single character and “\*” for a set of characters.



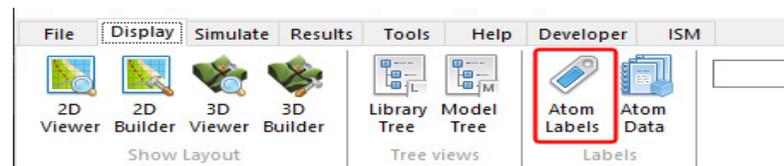
Note that with very large models, such a search can take some seconds. A progress bar is shown to give an indication how long the search will take.

- **Label overview expanded, giving a clearer overview**

When using Shift + F10, or Display | Atom Labels, an overview is given of all labels that are defined on the selected atoms, or their content.

Sometimes confusing was that when a queue with several products was selected, it was not directly clear which product owned which label.

To make this more clear, the atom ID is now added, which makes it easier to distinguish between the different products and their labels.



## Improved user-experience

- **Reset of large table restored correctly after improvement**

To improve the speed of a reset, open tables are closed and re-opened during the process of writing data to them (Excel ActiveX and clearing normal tables). This significantly speeds up the reset process. However, due to an error, the width and height of the re-opened table were switched. This has been fixed.

Note that such a close and re-open action only happens with tables that have more than 100 rows, or 100 columns.

- **Deleting labels from Arrivallist**

Deleting label from an Arrivallist was not working correctly and resulted in errors. This has been fixed.

Also applying changes within the Arrivallist GUI are now first applied, after the apply button is pressed. Earlier the changes were updated instantaneously, which could be undesirable

- **Visualization of Queues now also for older models, back on speed**

Since the introduction of Enterprise Dynamics 10.3, the visualization of the Queue has been given the option to visualize the order of the products stored in the queue. This can be very useful, but is a relatively slow procedure and therefore not the standard visualization.

However, when loading an older model it could happen that the extended visualization of Queues was accidentally turned on. This can slow down a model significantly, especially when queues are storing several thousands of products.

To solve this the check where older models are loaded in the latest version of Enterprise Dynamics is improved, thereby preventing models suddenly running slower.

- **Increased robustness of the Human Resource**

When resetting a model with a human resource, it could happen that a false error message was triggered, since the code was under the impression the human resource was still busy with a task. This is fixed.

