DTS INSIGHT
Our insight, your value

microTRACER Ver.7
Overview of features

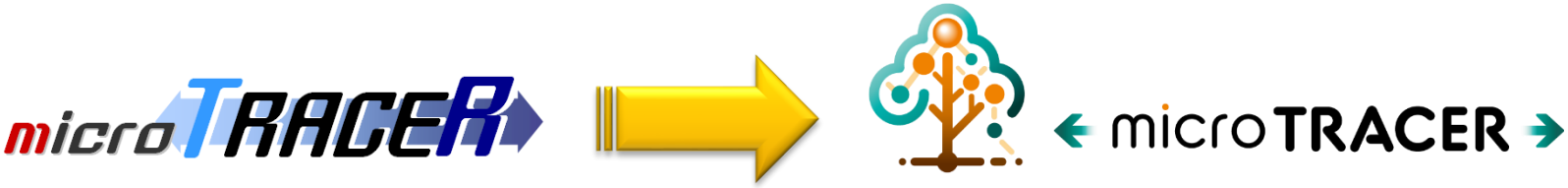
2025.08

DTS INSIGHT Corporation

We have released microTRACER Ver. 7 in 2025.08.

In Ver. 7, significant changes have been made such as improving data structure, operability, and visibility, unlike previous versions.

In this document, we will introduce the changed functions, improvements to existing functions, and also explain the compatibility with the previous version of microTRACER that you have been using.



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1. Complete redesign of the user interface

Since its release in 2012, microTRACER has continued to expand its features. To ensure future scalability, we have changed the development base to the WPF framework.

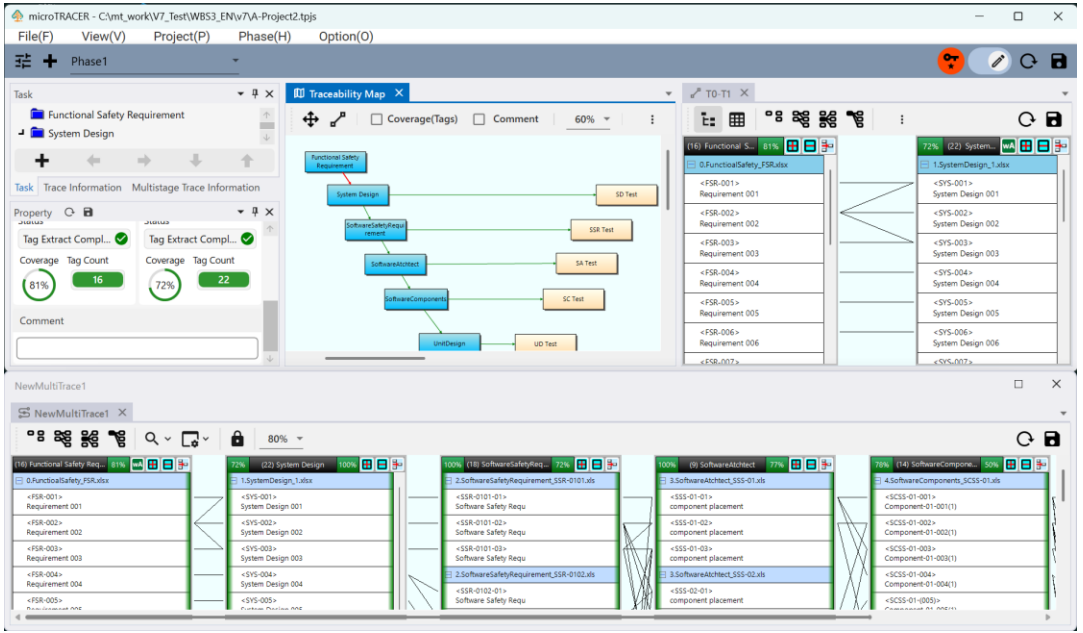
This will improve the appearance of forms, enable window docking, and provide a more Windows app-like user experience.

1. Complete redesign of the user interface

Support for independent windows and docking

You can freely layout the screen configuration.

Layouts are saved for each PC, so users can maintain display states with their own settings.



[Example]
- Place a single-trace next to the map
- Display multistage-traces in separate windows
- Consolidate trace information in one window

2. Flow of building traceability

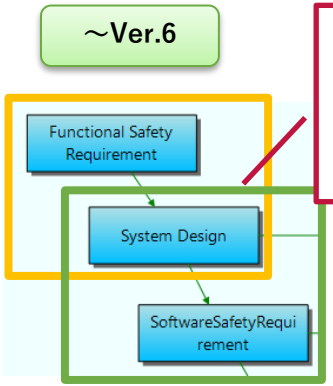
At the time of the initial release of microTRACER, the main purpose was to be able to trace between documents. However, with the changing times, the significance and usefulness of traceability have also evolved. Building traceability that allows for the overview of the entire development process is becoming mainstream.

Therefore, we have shifted the focus to map management functionality and improved the operability to build traceability.

Manage tags by task unit

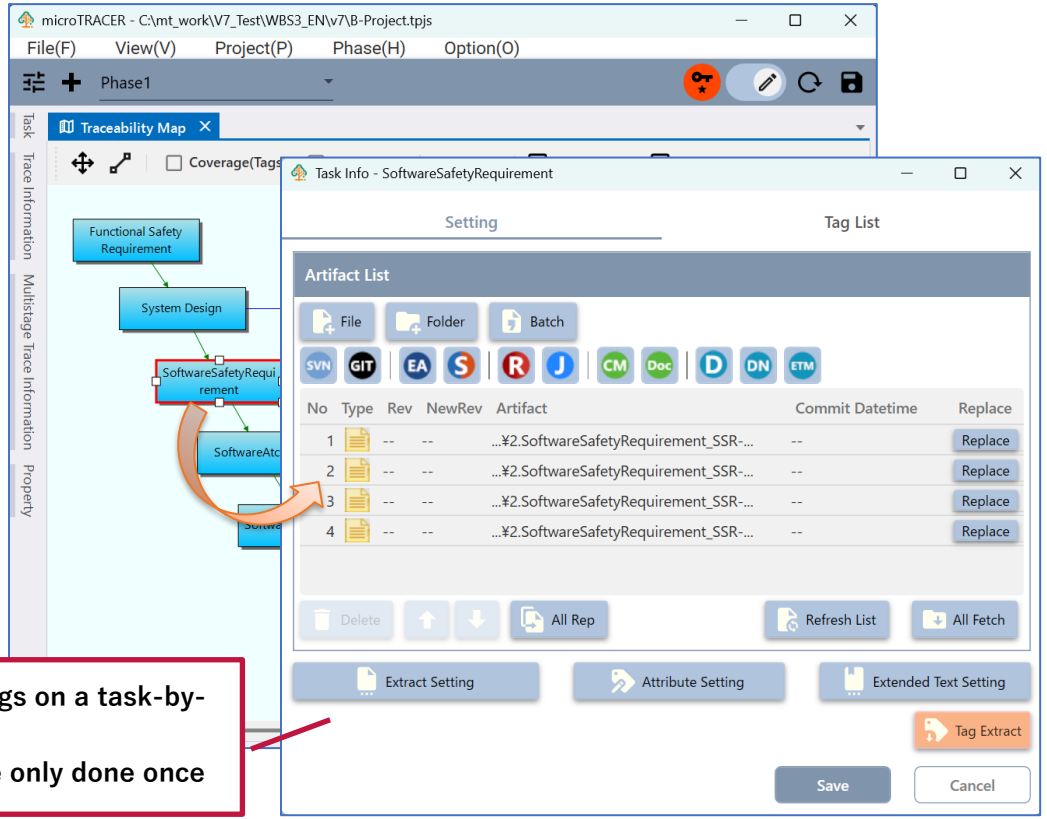
We have changed to tag extraction on a task-by-task basis.

The purpose was to reduce the workload and minimize setting errors by reducing the number of tag extraction settings.



Settings are made separately for each trace line.

⇒ The same settings are made twice.



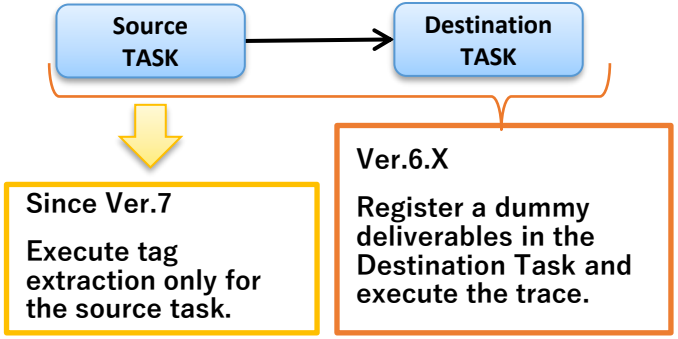
Manage settings on a task-by-task basis

⇒ Settings are only done once

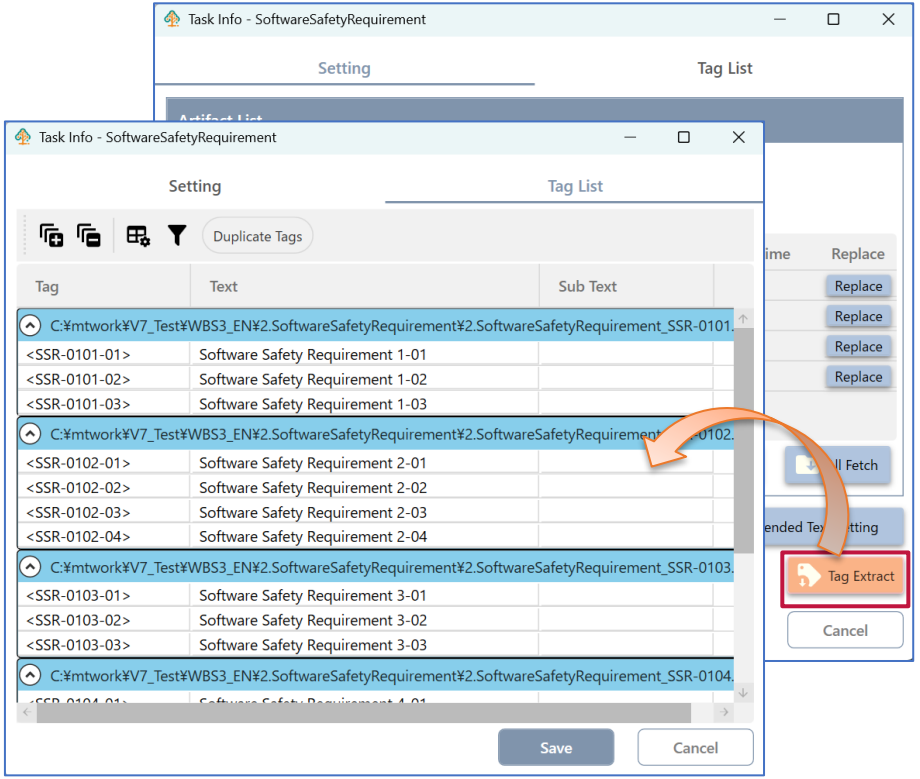
Manage tags by task unit

By enabling tag extraction on a task-by-task basis, you can smoothly verify whether the expected tags are being extracted as intended.

[Example]
I want to verify if the tag analysis settings for the Source Task are correct.



⇒ This leads to reducing the effort of registering dummy deliverables in the Destination Task and reducing the time required for trace execution.

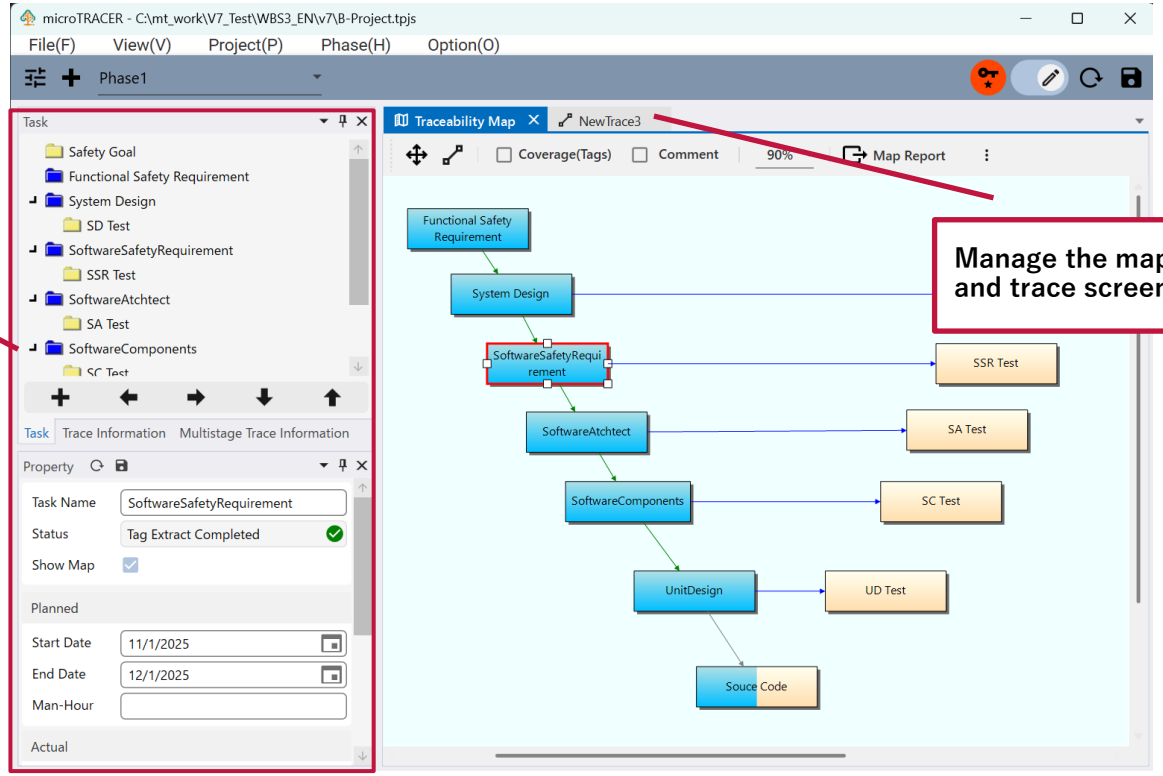


2. Flow of building traceability

A new screen has been added to allow checking of information for each element.

Manage single-trace and multistage-trace in addition to tasks.

It is possible to check the tag extraction status and trace execution status.

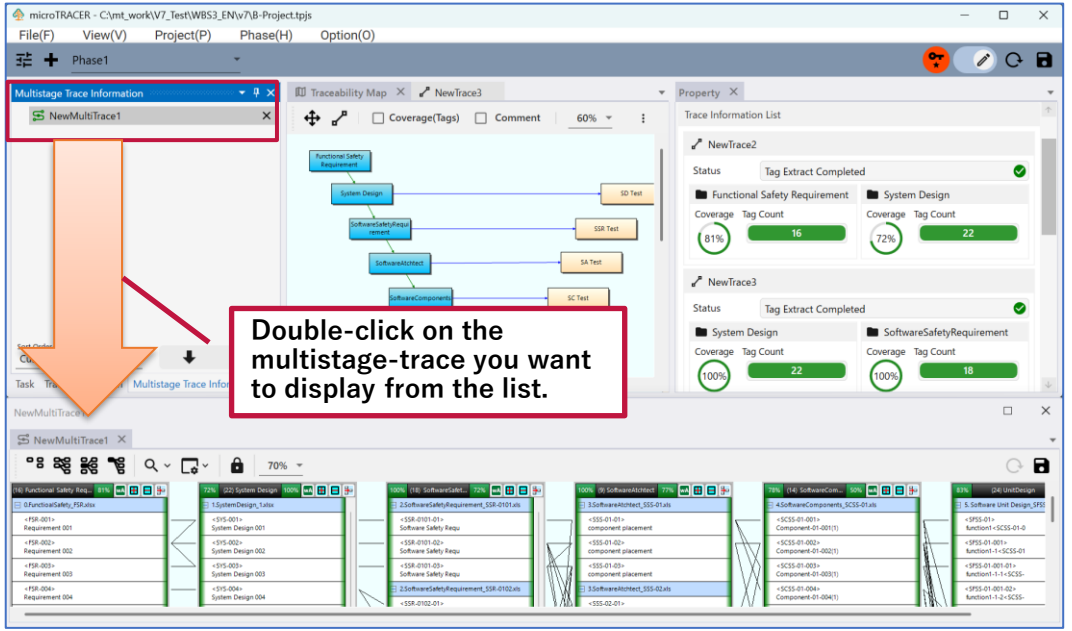


Manage the map screen and trace screen in tabs.

Retention of multistage-trace information

We have enabled the management of saved multistage-trace information from the map screen within the project, allowing you to call up existing multistage-trace information.

In the previous version, it was necessary to open the multistage-trace information file via the explorer, but now you can seamlessly confirm traceability.

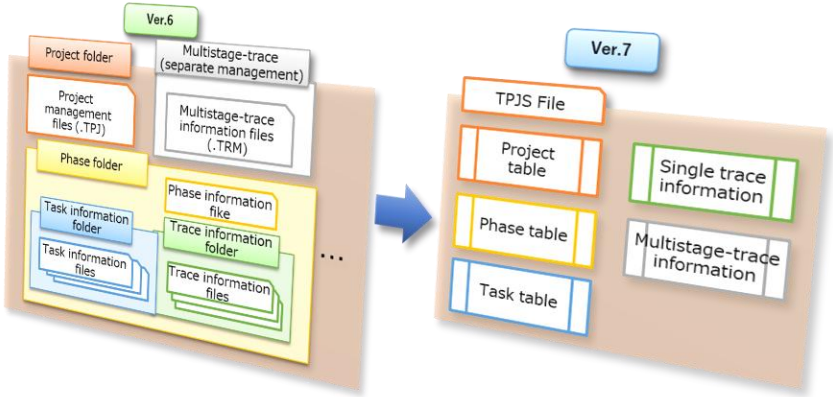


3. Change in file format

(regarding files in the old format (Ver. 6 and earlier))

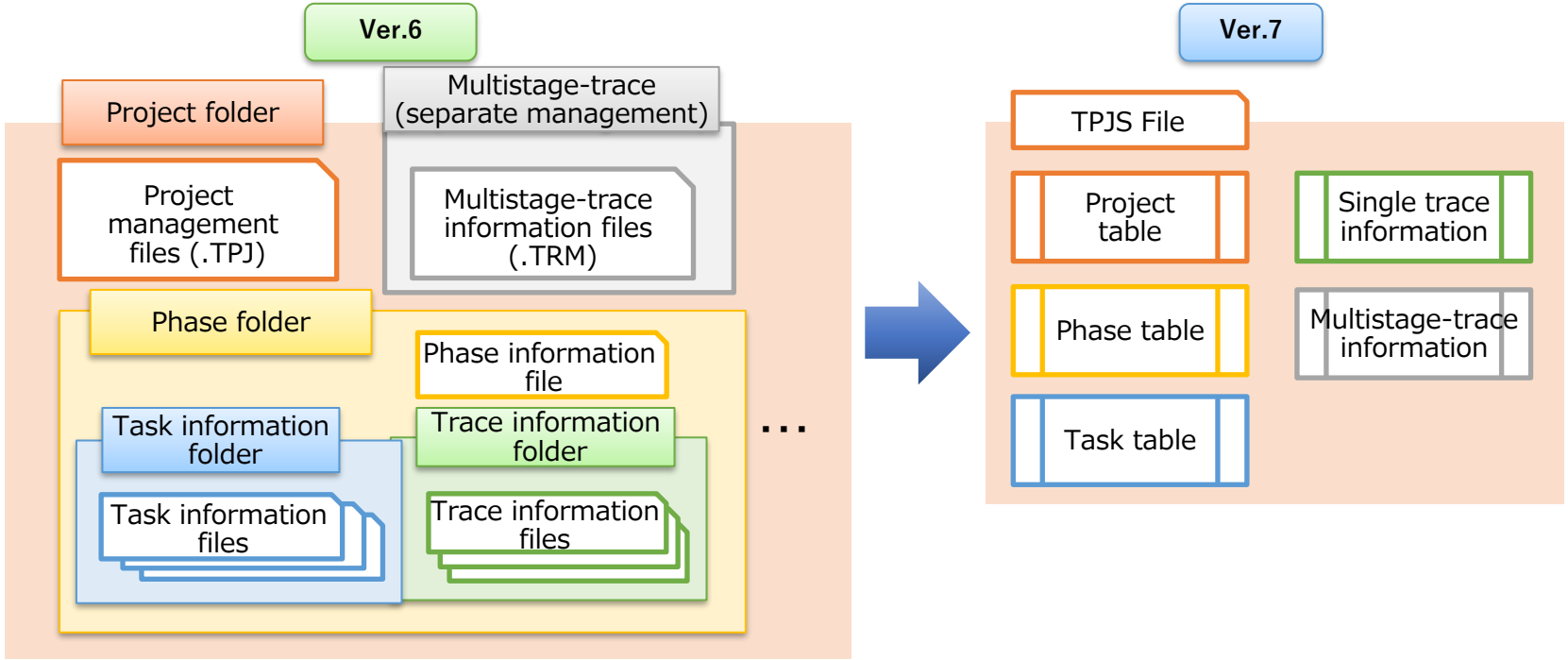
In the previous version, we managed multiple files such as trace information files, but we have changed the way information is stored and will now centrally manage them as new project files.

The trace information files and project files you have been using can be converted and inherited for use in Ver.7.
(Files in Ver.7 format cannot be converted to the old format.)



Change in file structure

With the improvement of the map management functionality, we have changed the structure of the project files.



Files from the old version cannot be used in Ver.7. Conversion is necessary.

Due to the improvement of the map management functionality, files created in Ver.6.X or earlier cannot be used as they are.

■Files that cannot be used in Ver.7

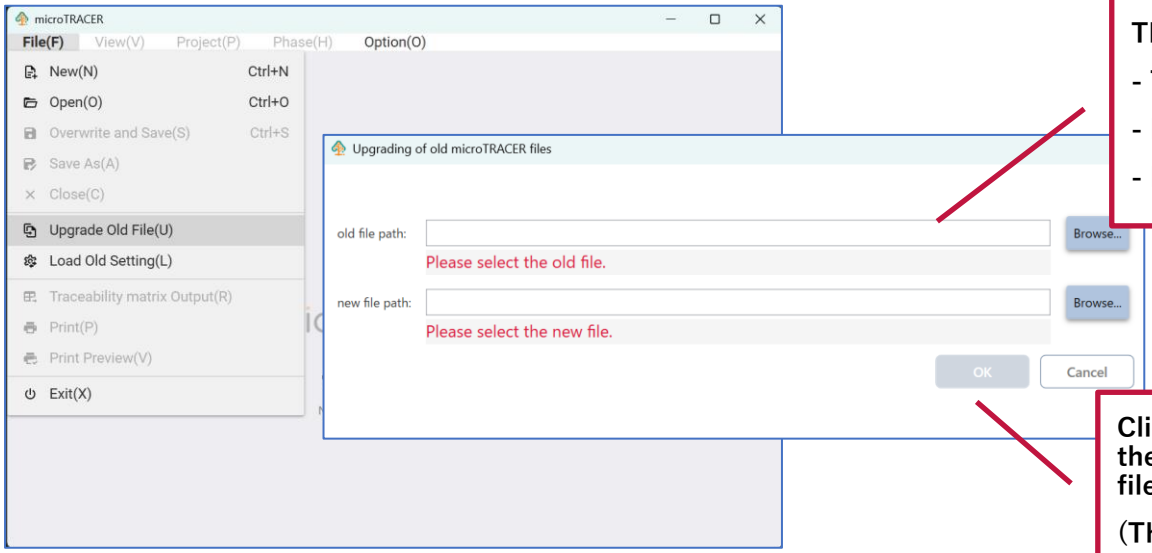
- Trace information files (.TRC)
- Multistage-trace information files (.TRM)
- Project management files (.TPJ)
- Trace configuration files (.TCM)

If you want to continue using files created in Ver.6.X or earlier in Ver.7 and later, you will need to convert them to the new format of project files.

Convert old format files to new format

Use the [Upgrade Old File] function in the [File] menu.

Clicking it will display the "Upgrade of old microTRACER files" screen, so please specify the file to be converted.



The following files can be specified:

- Trace information files (.TRC)
- Multistage-trace information files (.TRM)
- Project management files (.TPJ)

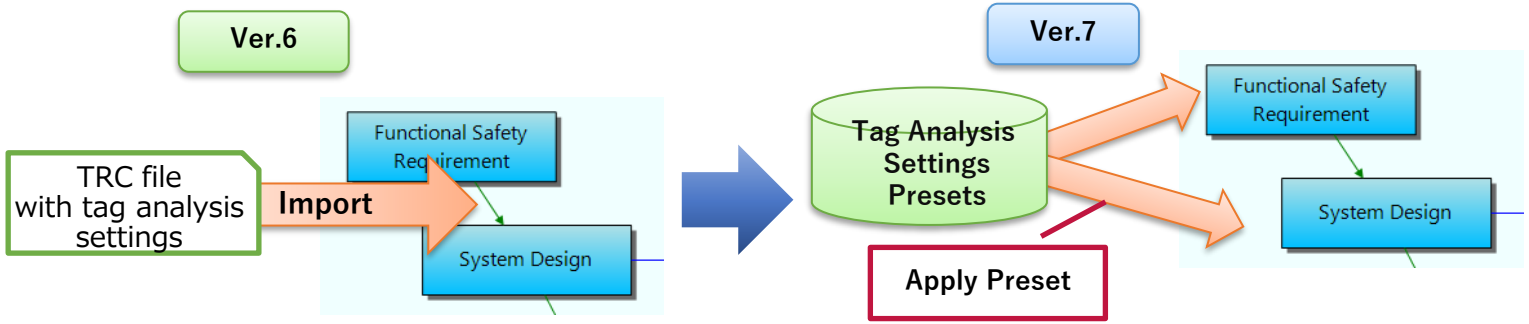
Clicking the OK button after specifying the destination to save the new format file will start the conversion.

(The specified old file will not be deleted.)

If you are using TRC files for information deployment operations

Due to the discontinuation of trace information files (TRC files), the map feature "Import TRC Files" will also be discontinued.

If you are using the import function to reuse tag analysis settings, you will need to change your operation to use the "Preset function for tag analysis settings" described in the next chapter.

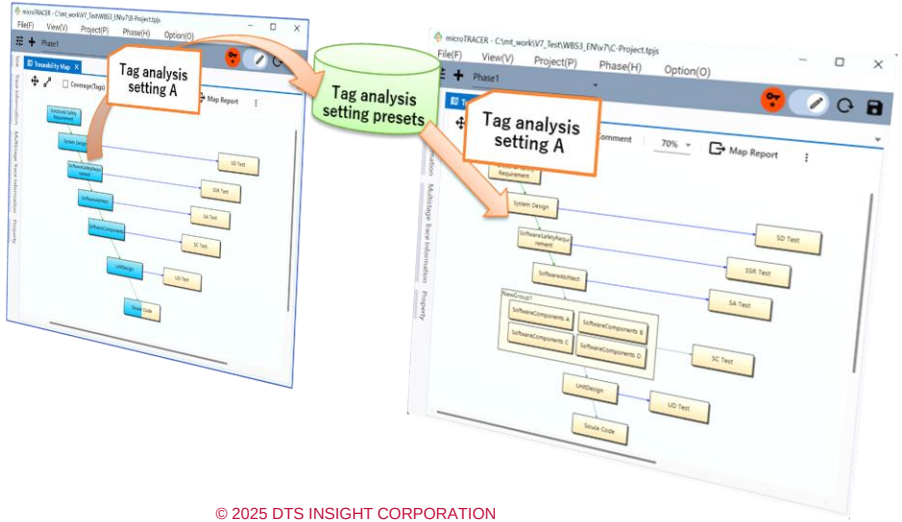


Regarding operations such as sharing traceability information with other groups or external development teams using TRC files, we plan to add alternative functions in future version upgrades.

4. Preset function for tag analysis settings

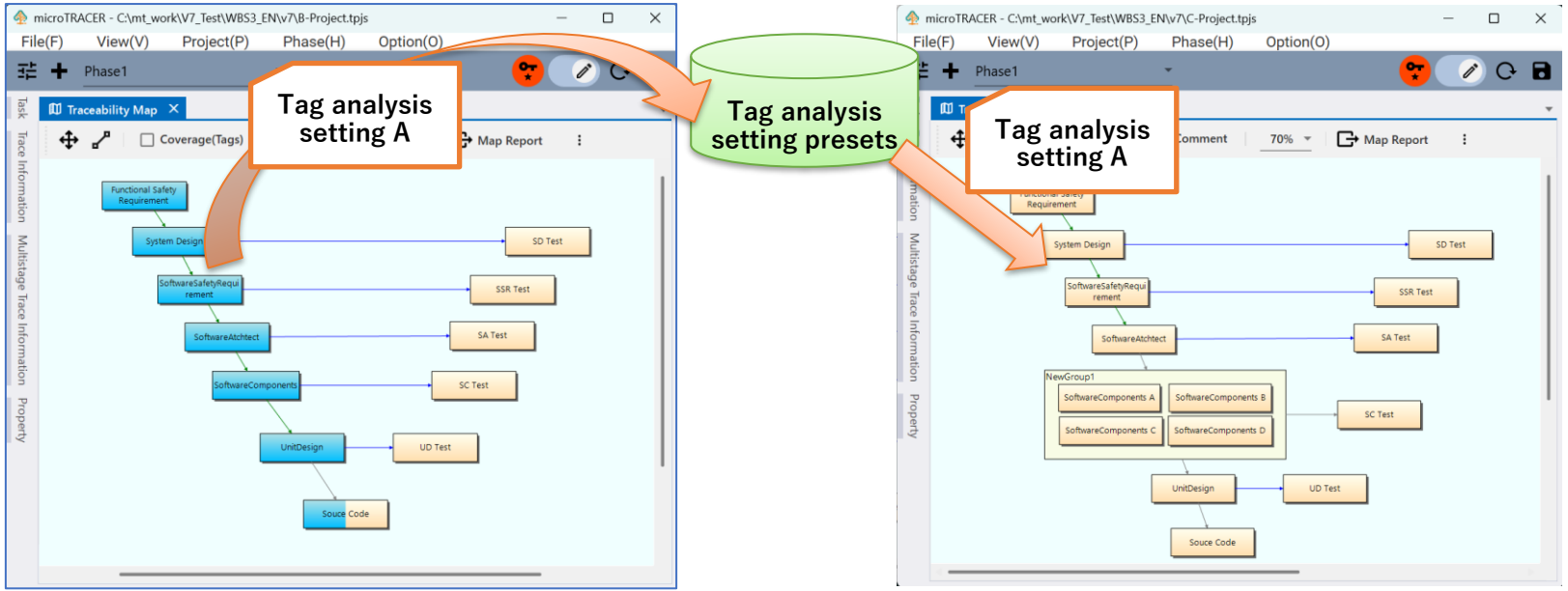
A preset function has been added to tag analysis settings, freeing you from the hassle of configuration.
The preset function is designed to manage and reuse tag analysis setting information.

- **When the location from which tags are extracted is fixed, such as with the Simulink integration function or EA integration function, there is no need to configure it each time.**
- **Administrators can prepare presets and distribute the preset information to team members, reducing team workload and the risk of configuration errors.**

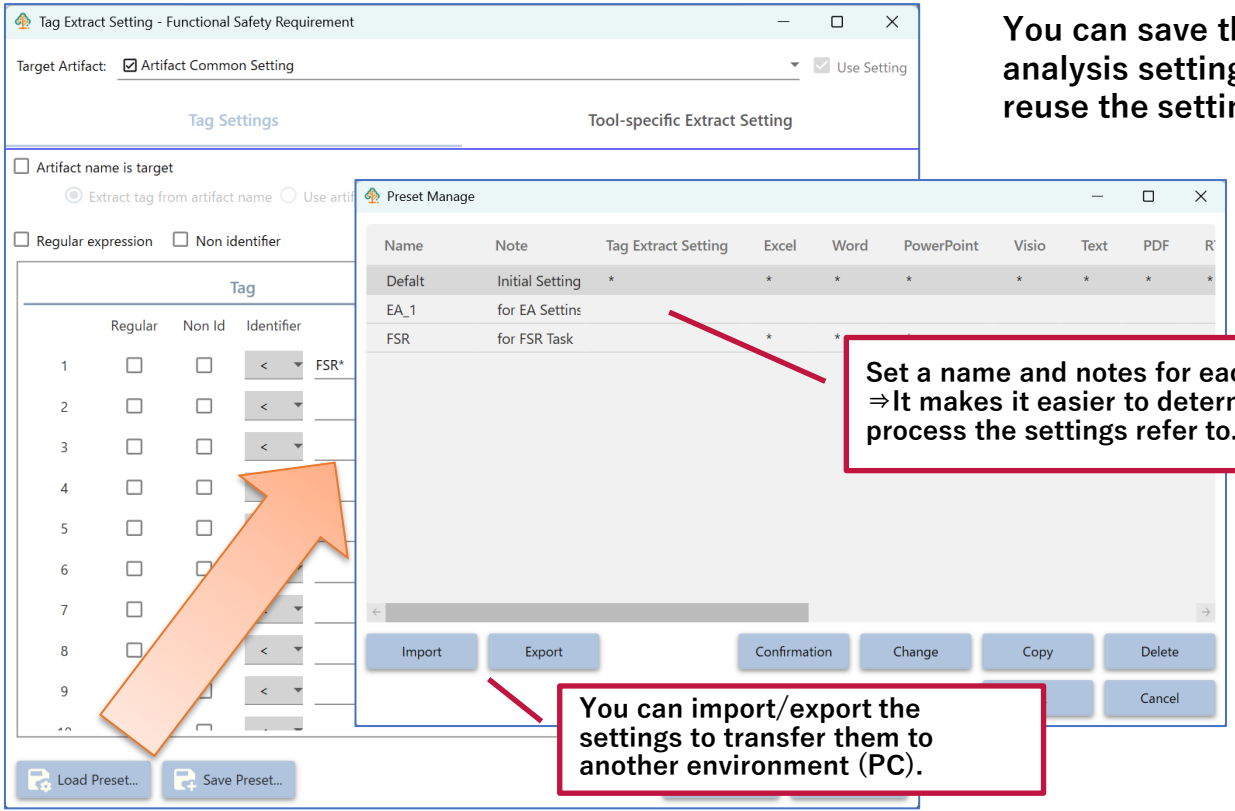


Preset function for tag analysis settings

This function allows you to reuse tag analysis settings across different projects and phases.



Setting of Preset



You can save the configured tag analysis settings as a preset and reuse the settings for other tasks.

Set a name and notes for each preset.
⇒It makes it easier to determine which process the settings refer to.

You can import/export the settings to transfer them to another environment (PC).

As with task-based tag management, this reduces the burden of configuration work and reduces errors.

5. Discontinued features

In line with the improvement of existing features and the addition of new ones, we have discontinued several features of microTRACER.

Features to be discontinued in Ver.7

■Discontinued features

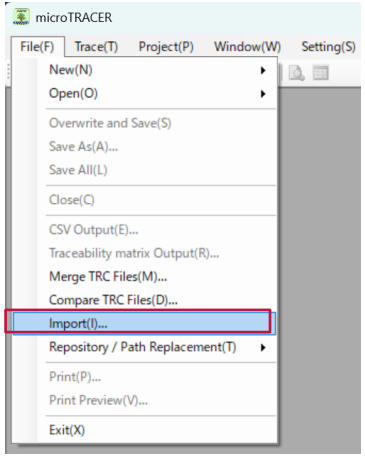
- Old Related Tags System

  ⇒When configured as multistage trace information, there are cases where proper traceability cannot be established.
  Since equivalent tag extraction can be reproduced using the “Related Tag Method - Self Tag Mode,”
  this feature has been discontinued.
  (If already set up/in use, it will be automatically replaced when converting to the new project file format.)

  Details regarding this feature will be explained later in this document.

- [File]Menu > CSV Output
- [File]Menu > Import

  ⇒Both of the above features are not supported by the tool linkage option,
  and considering our customers' usage patterns,
  we have decided to discontinue these features.



■Discontinued features

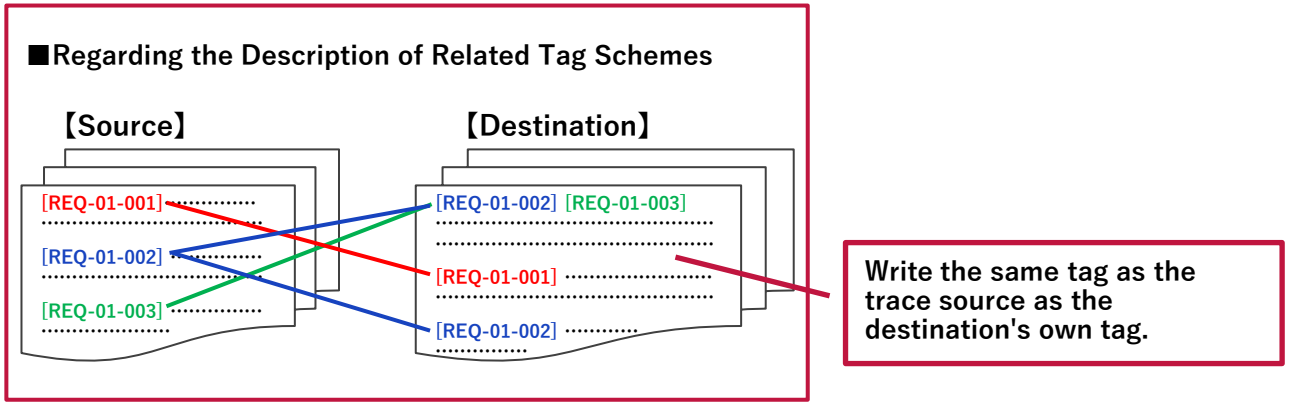
- **Discontinuation of certain several functions.**

Command	Changes
exetracing (Execute tracing.)	This command has been discontinued due to the removal of trace information files.
multitracing (Batch trace execution of trace information files registered in multistage trace information file.)	This command has been discontinued due to the removal of multistage trace information files.

Starting with Ver.7, please use the traceability construction command (maptracing).

The old related tags system.

This tagging method establishes traceability by applying the same tags from upstream deliverables to relevant sections in downstream processes.



Trace information files created using the “Related Tag Method” will be seamlessly transferred using the legacy file conversion process, so please rest assured.

6. Features to be supported in the future

We plan to sequentially address features that were postponed due to changes in data structure among existing functionalities and Linkage features that were deferred based on priority.

Planned Features

- Project File Comparison Feature
- Project File Import Feature (Merge Function)
- Repository Path Conversion Feature
- Optional Features
  - Tag Insertion Feature
- Linkage Features (Optional)
  - Functionality (Please use Ver.6 until full support is available)
    - PVCS VersionManager Linkage
    - Jama Connect Linkage
  - Git Linkage Option
    - Branch Update Status Display Functionality
  - Keeping the versions of each linkage tool up to date.

7. FAQ

- Can it be used alongside older versions?
  - Yes, it can be used alongside older versions.
    - The default installation location for Ver.7 is a separate folder from older versions, and older versions will not be uninstalled.
    - While it can be used alongside older versions, please note the following:
      - Updates for older versions (Ver.6 and earlier) will no longer be provided.
      - Support services for older versions (Ver.6 and earlier) will end in August 2027.
      - Project files created in Ver.7 cannot be used with older versions.
- Does the license server need to be separate from the older version?
  - It can operate on the same server machine.
    - Simply store the Ver.7 license file in the same folder as the older version's license file and restart LASY.
- Will multiple projects be managed on a single screen?
  - As before, it is one screen (one process) per project.

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