AIS Tool for Integration and Simplification

Operating Manual

Ver. 3.0

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Joint Article Management Promotion-consortium
(JAMP)
AIS Technical Committee

FUJITSU LIMITED

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◆Operating Environment

Operating system: Windows 2000/XP/Vista
Application: Microsoft Excel 2000 or later
Others: Internet Explorer 6.0 or later

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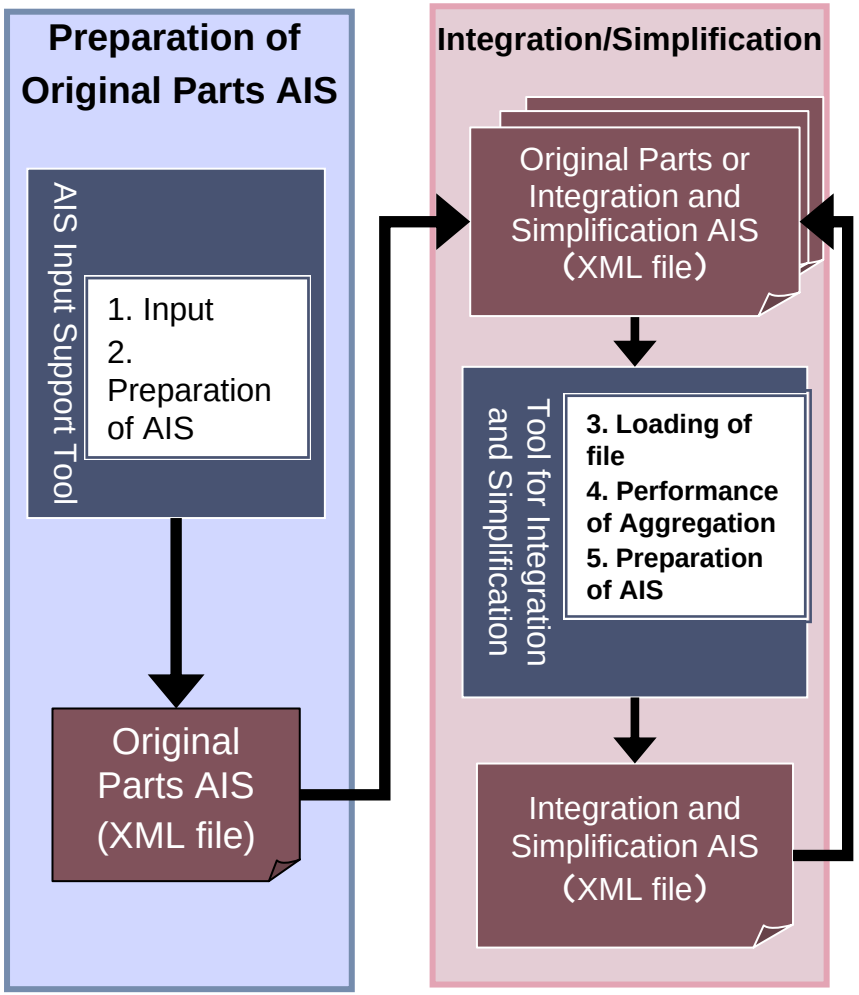
Introduction/The AIS preparation process for a complex article



1. Input into AIS input support tool.
2. Using the AIS input support tool, prepare the original parts AIS (XML format).
3. Load the original parts AIS file prepared in 2 using the tool for Integration and Simplification.
   (→ Chapter 3, Chapter 4)
4. Input the number of units (amount used in products) of the original parts AIS loaded in 3 and perform an aggregation. (→ Chapter 6)
5. Prepare the integrated AIS and simplified AIS (XML format). (→ Chapter 6)
6. When further integrating and simplifying an AIS which has already been integrated and simplified, return to 3 and repeat the integration and simplification steps.

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Restrictions

You cannot edit “4. Composition information” with the tool for Integration and Simplification we now offer.

(1) For auxiliary materials (solder, adhesive agent, etc.) used for manufacturing complex articles, first prepare AISs with the AIS input support tool, then load them into this tool.
(2) When you change Level Names or Component Names in the integrated AIS or simplified AIS, use the AIS input support tool. However, you cannot change quantities and materials, nor perform the automatic calculation with this AIS input support tool.

(Refer to the reference information section “5.9 Cases where “simplification” is recommended” of the AIS Manual.)

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Starting the Tool

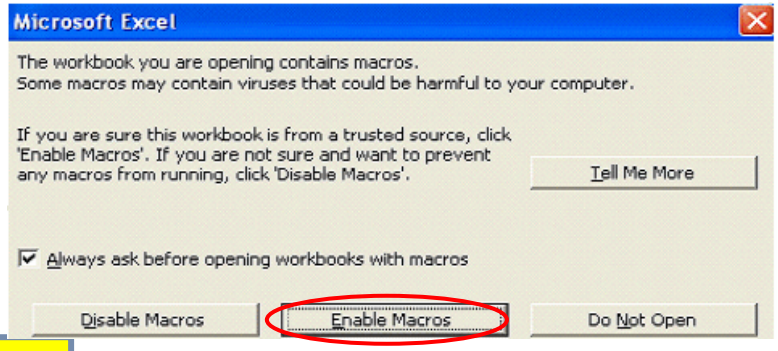
2-1 After you have obtained the AIS tool for Integration and Simplification, save it in an arbitrary folder.

2-2 Save the XML format file prepared with the AIS tool for original parts in an arbitrary folder.

2-3 Start the AIS tool for Integration and Simplification saved in 2-1.

2-4 When the dialog box concerning security appears, click [Enable Macros].

*Macros are incorporated into this tool. Be sure to Enable Macros before you use the tool.



Note

For **Excel 2007** users,
see the next page.

Note

If the above dialog box asking you whether to enable or disable the macros does not appear, you cannot use this tool.

In that case, go to Excel Menu **[Tool]**→ Menu **[Macro]**→ Menu **[Security]** → **[Security Level] page**, **set the level to Medium** and reload the tool.

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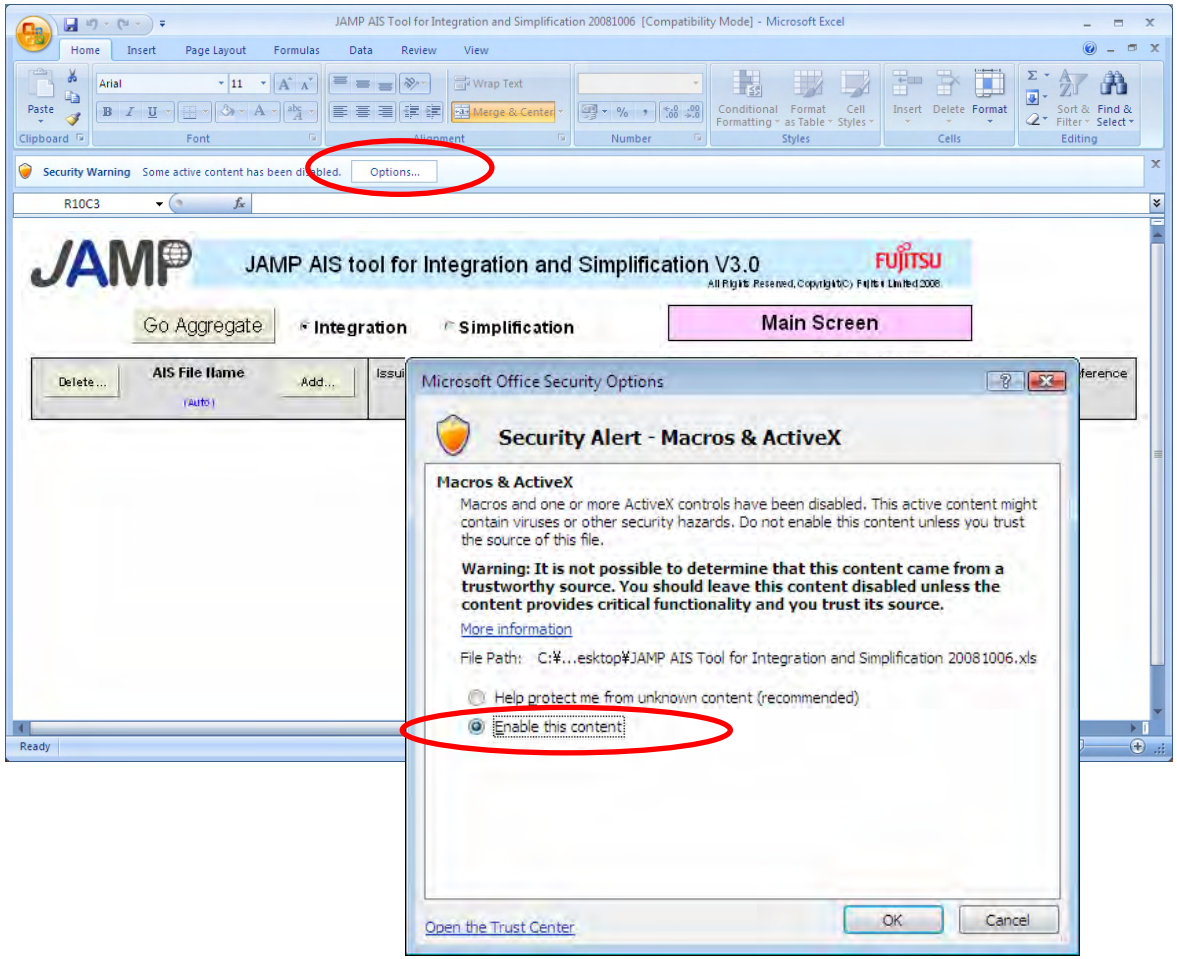
2-4’ If you are using Excel 2007



1. When the security warning appears, click [Option].

2. When the security option dialog box appears, select [Enable this content].

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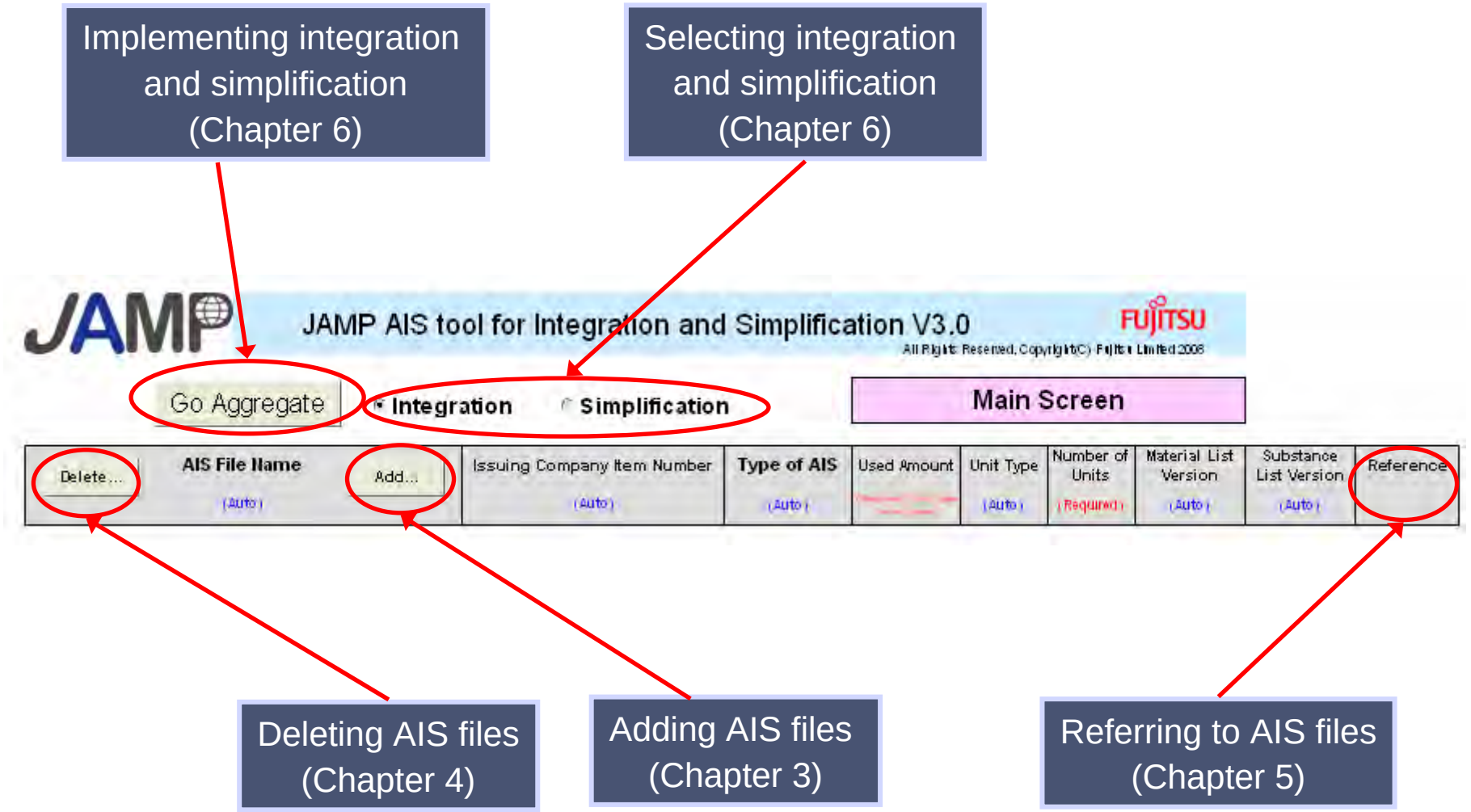
2-5 When you start the AIS tool for Integration and Simplification (Fujitsu version), the screen shown below appears.

*Refer to the explanation chapter for details on each button.



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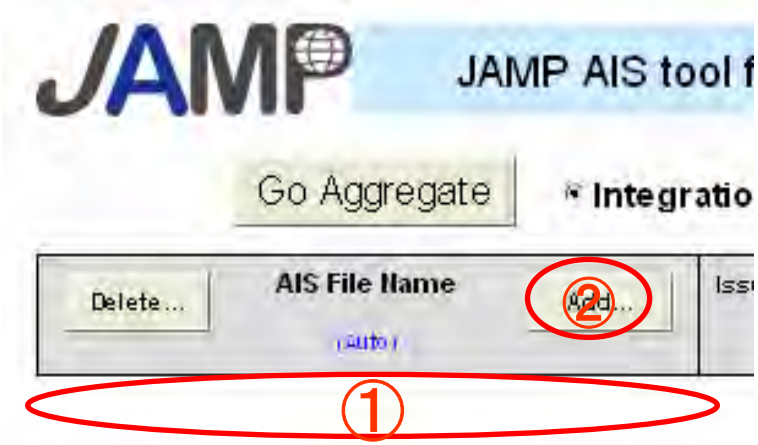
Chapter 3 Adding AIS files

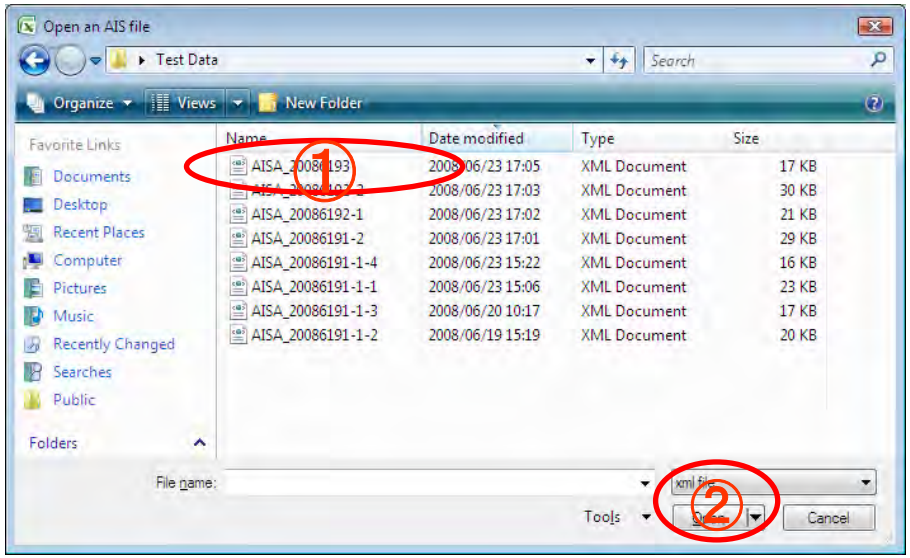
3-1 Specify the location to be added and click the Add button.



(1) Select the location to which files are to be added.
*If you select a location other than that specified, an error occurs.

(2) Click the [Add] button.

3-2 The [Open AIS file] window appears.



(1) Select the target AIS file (XML format).

(2) Click the [Open] button.

You can specify multiple files at the same time.

You can specify multiple files by selecting files while pressing the [Shift] key or [Ctrl] key.

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Deleting AIS files

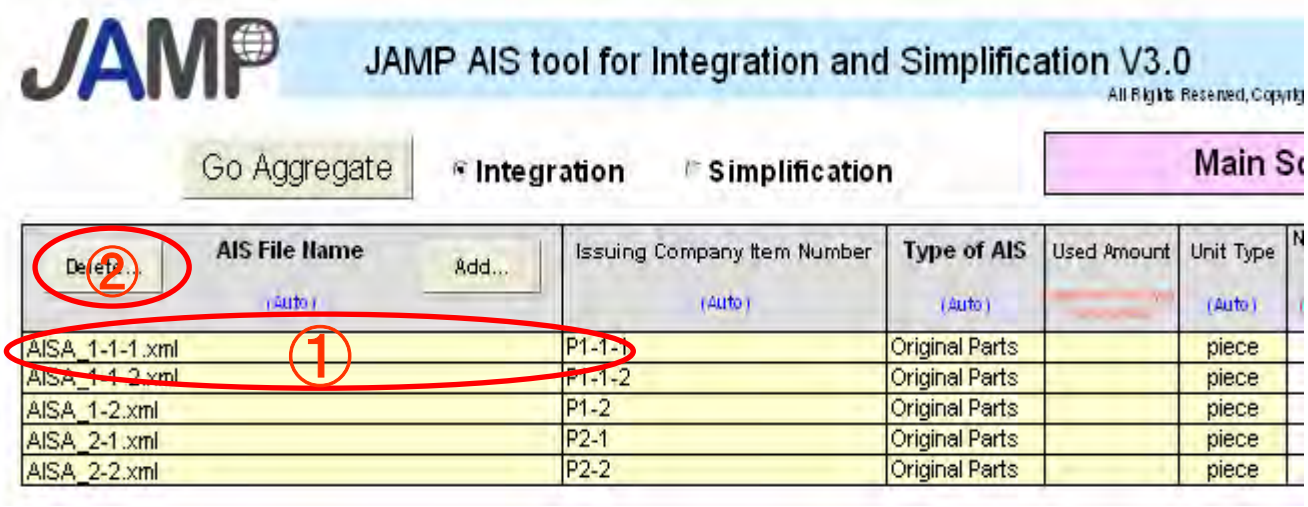
4-1 Specify the AIS file you want to delete and click the Delete button.

(1) Select the files you want to delete.

Note

If you select cells other than file names, an error occurs.

(2) Click the [Delete] button.



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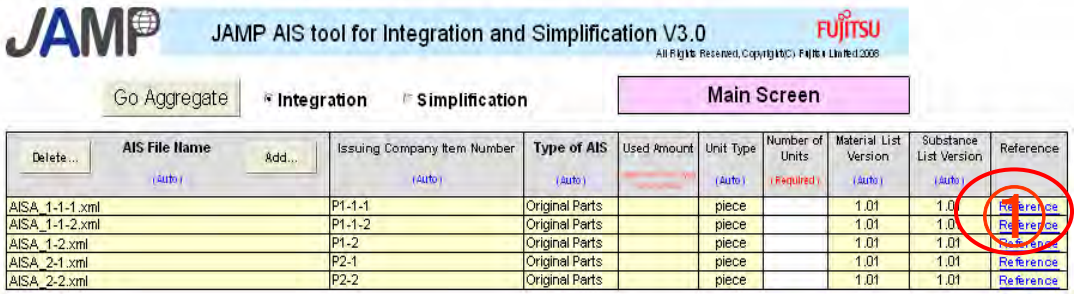
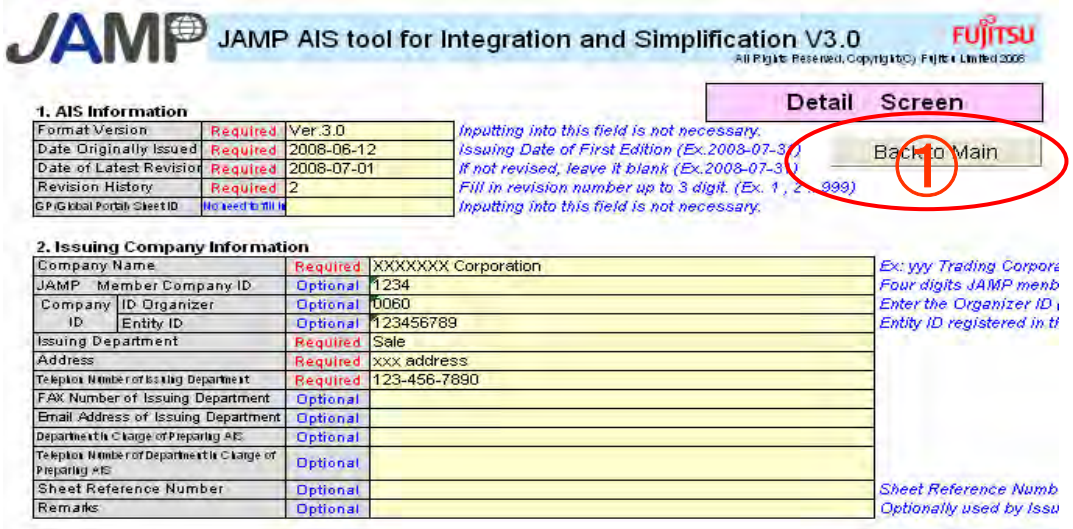
Referring to the contents of added AIS files

5-1 Click [Reference].



(1) Click the [Reference] button for the AIS file you want to refer to.

5-2 Confirm the content and click [Back to Main] to go back to the main screen.



(1) Confirm the content and click [Back to Main].

Note

This screen is for confirmation only.
You cannot edit the content.

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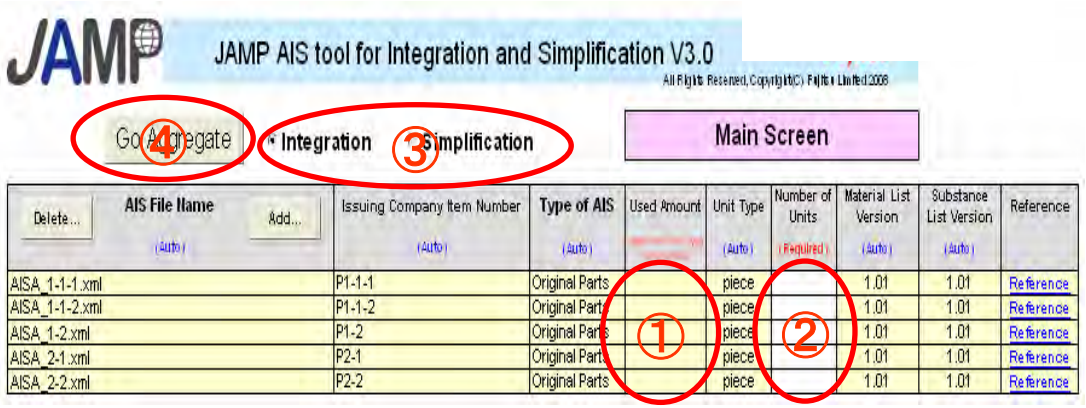
Integration and simplification of AIS files

6-1 Input all the necessary information for integration and simplification.



(1) Input the “Used Amount” for each AIS.

(2) Input the “the Number of Units” for each AIS.

Used Amount and the Number of Units

For example, as cable are indicated in “m” unit in AIS, if you cut the cable into pieces 0.3 m long and use two of them, the input should be as shown below.

Used Amount: 0.3 m

The Number of Units : 2

You cannot input the Used Amount into AIS if the “piece” is selected for the quantity.

Note

1) As a rule for preparing AISs for complex articles, you cannot select integration when the simplified AIS is contained in the base files.

(Refer to “5.9 Cases to be simplified” of the AIS Manual.)

(3) Select whether you are implementing an Integration or a Simplification.

(4) Click the [Go Aggregate] button.

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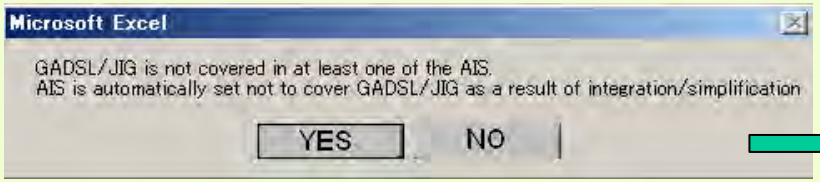
Note

2) **When the parts declaring substances subjected to JIG/GADSL and the parts undeclaring them are included in a same AIS for a complex article** -

The item “Information Content” showing whether or not the information covers the scope of JIS/GADSL is set to be “NOT cover the JIG/GADSL scope” in “4. Composition information” of the AIS for complex article, regardless it is an integration or simplification, as a rule of preparing AIS for complex articles.

（Refer to “5.5 Handling declarable substances” in the AIS Manual.)

In that case, the dialog box shown below appears.



Click [Yes].

However, even if “Information Contents DOES NOT cover JIG/GADSL scope” is selected in the declaration item, the substances indicated to be covered by JIG/GADSL in the each AIS for parts are, by way of exception, shown in “4. Composition Information” of “AIS for complex articles” in this case, but not shown in “6. Information to be declared”, and also the substances covered only by JIG/GADSL are not shown either.

（Refer to “4.3.2 AIS Preparation Process,” “4. Composition information,” “6. Information to be Declared,” and “5.5 Handling Declarable Substances” in the AIS Manual.)

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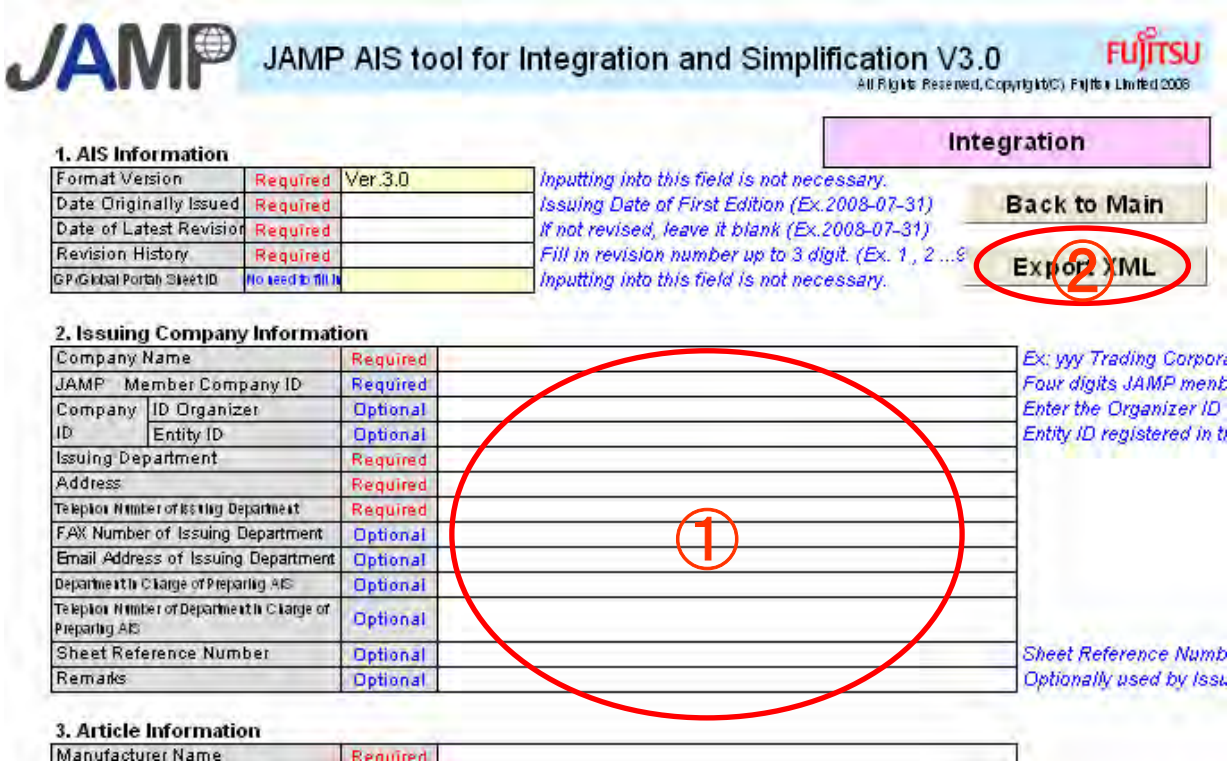
6-2 Output the **XML** data.



(1) Input data into all the necessary fields.

(2) Click the [Export XML] button.

Note

You cannot edit “4. Article Information” with this tool.

The fields with a yellow background cannot be edited.

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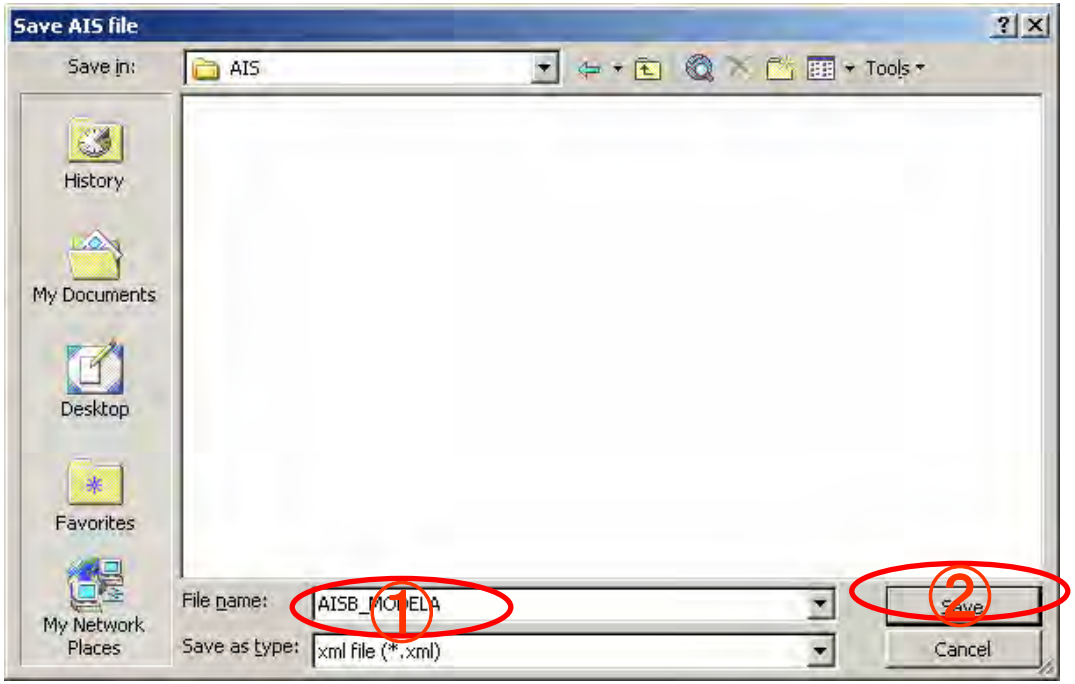
6-3 Specify the file name of the AIS you want to save.



(1) When the [Save AIS file] dialog box appears, specify the file name of the AIS file you want to save.

File names are set by default as follows:

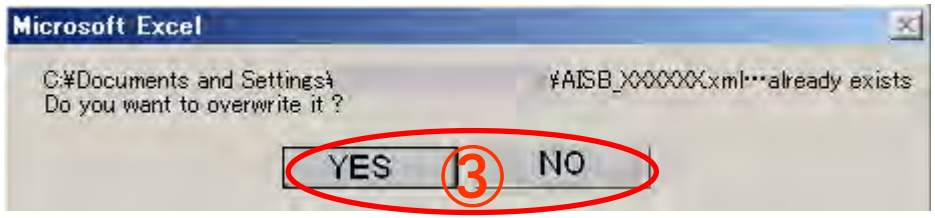
Integration: AISB_ Article number

Simplification: AISC_ Article number

Note

The first letters, AISB and AISC, are not changeable, because they are required under JAMP's rules of nomenclature.

(2) Click the [Save] button.



(3) When you specify a file that already exists, the confirmation dialog appears. Click [Yes] if there is no problem in replacing it.

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Known problem

Known problem

Runtime Error “1004”

The following errors may occur when the operation of “View” or “Aggregation” are conducted repeatedly.

Runtime Error “1004”:Copy method of Worksheet Class failed
Runtime Error “1004”:Application-defined or object-defined error

These errors are caused by interference with known problem in using Microsoft Excel (all versions) and there are no programmatic measures to prevent.

When you conduct the operation of “View” or “Aggregation” repeatedly, please save the tool periodically or exit the tool and re-open it.

(Error frequency depends on your PC environment.)

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