

Import External Data Form

About form

This form is shown when you want to import data from an external Excel file and automatically convert the data into quiz collection.

The external Excel data that can be imported can be imported as FQ question collection as long as there are two types of data: **a question text for a quiz and a correct answer.**

However, it does not necessarily have to be data specialized for quizzes. For example, data such as dictionary data that describes words and their meanings and contents can be converted into quiz data. By regarding the term in the dictionary as the correct answer of the quiz, and the meaning and content of the term as the question text of the quiz, it is possible to convert them into quiz data. If such data already exists, using this function would be very convenient because it would be possible to easily create a large volume of quiz data.

This form is a sequential form. The form is designed so that import processing cannot be executed unless data is entered in a certain procedure, and compared to other forms, the operation is a little more complicated. So, explain how to use the Import External Data Form.

Operation Procedure

On this form, the import process will be executed mainly by following the steps below.

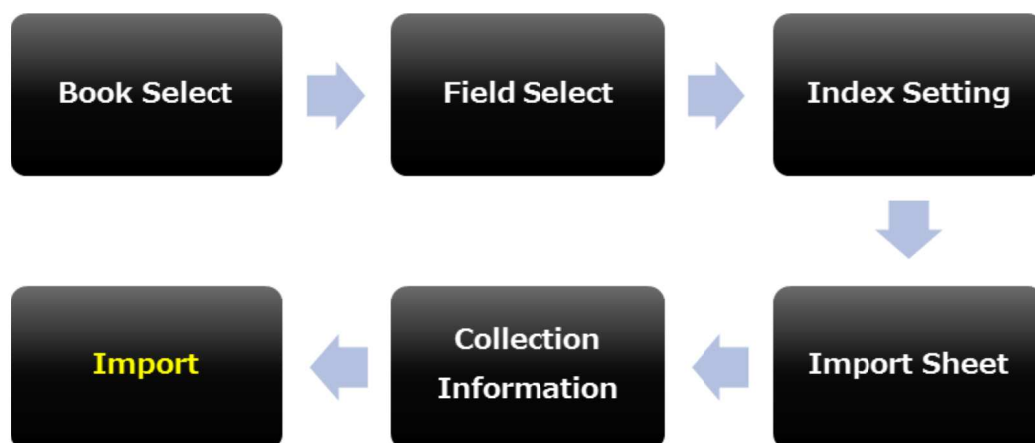


Fig. Import Procedure

1. Book Select : Select an external Excel file for import processing.
2. Fields Select : Excel sheets with different data formats may be mixed in the selected workbook. Fields Select means selecting which data format sheet is to be imported from

among such different data format sheets. As a result, it is possible to narrow down the target of importing to a specific sheet from among the plurality of data sheets in the book.

If there are only sheets with the same data format in the workbook, it doesn't matter which sheet you select.

3. Index Setting : If a sheet is selected by Fields Select, which column data in that sheet will be the question text and which column data will be the correct answer for the output data(quiz data) are linked by the column number.
4. Import Sheet : Select the Excel sheet in the workbook to import. By default, all Excel sheets that seem to be the same as the data format selected in proc.2 are selected.
5. Collection Information : Set the name and explanation of the quiz collection that will be output after the import process. Since the values are set by default, if there is no problem after checking them, this procedure can be omitted.
6. Import : From external Excel data, data is automatically imported and converted according to the set values, and quiz collection is output.

Operation Manual

Below is an overview of the Import External Data Form."Importing External Data" is displayed on the title bar, and clicking the icon on the left side displays the operation manual of this form, that is, this document.

Import External Data

Excel Book
Unselected Book

Item Colmun
Unselected Cancel

Filed Format List

Field column index setting
Associates index of input data and output data.If o is specified,it will not be imported.

Out Field	idx.	Input Filed	Explanation
* Answer	<input type="radio"/>	Unselected	The index of colmun that be used as answer.
* Question	<input type="radio"/>	Unselected	The index of colmun that be used as question text.
Image	<input type="radio"/>	Unselected	If there is image path,its column index.
Note	<input type="radio"/>	Unselected	Remarks data for quiz data.

Fields marked with * are a required.The search ends when blank data is found.

Quiz Collection Information

Quiz Collection Name	Explanation Text
IMPORT1	Quiz data imported from external data.

Import Progress

Book Select → Fields Select → Index Setting → Import Sheets → Collection Info. → Import

Please open the Excel book to be imported.

Fig. Import External Data Form

The operation method of the form will be explained below according to the operation procedure, but here, to make it easier to understand, each procedure will be explained using **the example of importing an Excel book that describes everyday terms.**

Proc.1 Book Select

First, select an external Excel book file to be imported. This is done by pressing the [Book] button, showing a file selection dialog, and confirming the target Excel book file.

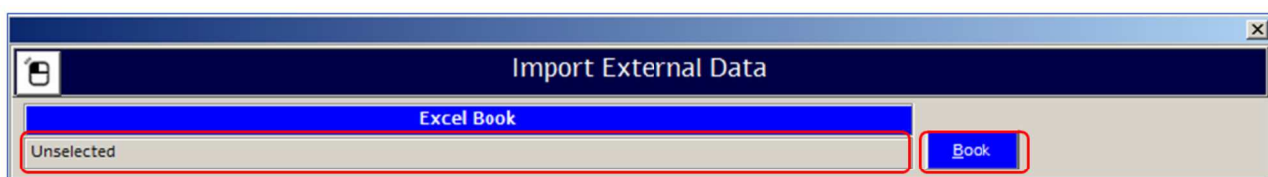


Fig. Before Book Select procedure

If the selection is successful, the name of the Excel workbook will be displayed as shown below, and the [Book] button will disappear.

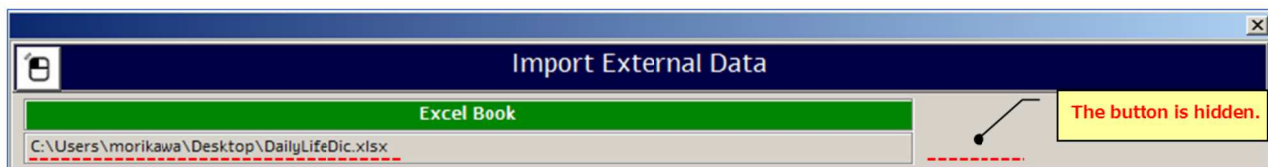


Fig. After Book Select procedure

Proc.2 Field Select

If Excel book can be selected, Excel sheet names and groups classified by data format are displayed in Field Format List as shown below. Groups are assigned alphabets starting with A.

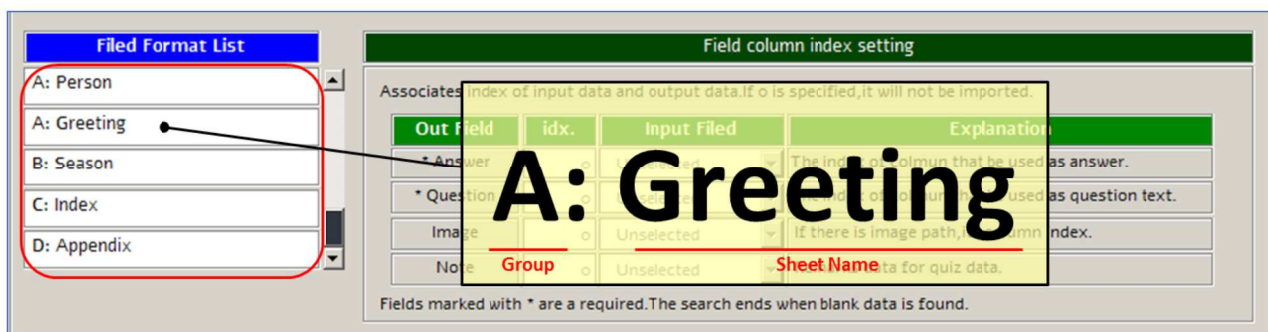


Fig. Before Field Select procedure

To briefly explain the example in the figure, the [Person] sheet and the [Greeting] sheet have the same data format, while the [Season], [Index], and [Appendix] sheets have different data formats.

Since there are sheets of various data formats in an Excel book, this operation narrows down the target of importing to sheets of a selected data format. In this case, the data format of Group A is assumed to be the object of import, and the explanation is continued. Select one of the sheet names corresponding to group A from Field Format List by clicking the mouse (Any sheet that belongs to group A can be selected).

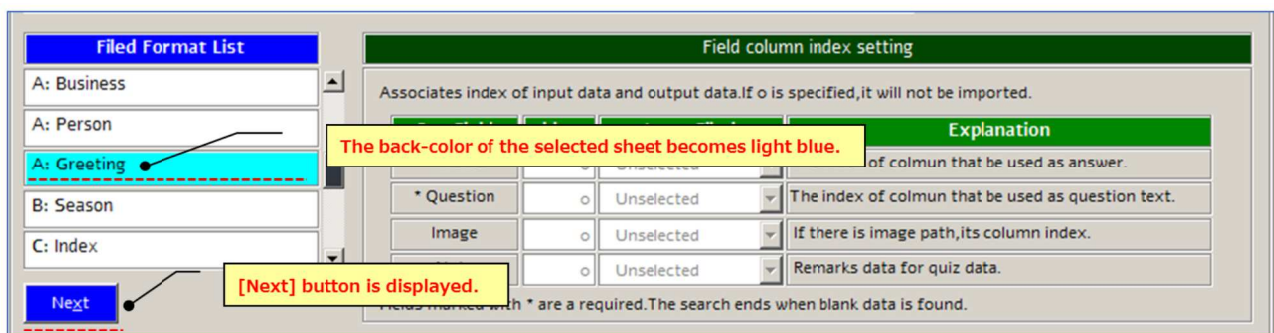


Fig. After Field Select procedure

When you select a data format, the background color of the selected item becomes light blue and the [OK] button is displayed as shown above. If there is no problem with the data format of the selected sheet, press the [Next] button to proceed to Index Setting. Also, assume that the data format of Group A is as shown in the figure below.

	A	B	C	D	E
1	Term	Image File	Meaning	Desc.	
2	good morning		Greetings exchanged in meeting people in the morning.		
3	hello		Greetings exchanged in meeting people at noon.		
4	good night		Greetings exchanged in meeting people at night.		
5	good bye		Greetings exchanged in parting with someone.	Sayonara in Japanese	

Data Format : The data items are as follows.
Term, Image File, Meanings, Desc.

Fig. Group A data format

Proc.3 Index Setting

Index Setting means association between each field of the quiz data to be output and each field of the input data. Each field of the quiz data to be output is Answer, Question Text, Image, Choice(1 to 5), and Note.

<Quiz Data (output)>

- Answer : A string that is the answer to the quiz. Required item.
- Question Text : Text that will be question sentences for quizzes. Required item.
- Choice(1 to 5) : Choices (1 to 5) for answering the quiz. Automatically generated from other record data that is the answer.
- Image : An image file to be displayed when a quiz is given.
- Note : A field to fill in if there is anything worth noting about the quiz. It doesn't matter when the quiz is asked.

<Imported data (input)>

For example of each field data in the input data, see "Fig. Group A data format".

Out Field	idx.	Input Filed	Explanation
* Answer	○	Unselected	The index of column that be used as answer.
* Question	○	Unselected	The index of column that be used as question text.
Image	○	Unselected	If there is image path, its column index.
Note	○	Unselected	Remarks data for quiz data.

Fig. Before Index Setting

Directly specify the column index(1 based) that each field of the output data corresponds to which field of the input data. Alternatively, select from the input field name pull-down list.

Out Field	idx.	Input Filed	Explanation
* Answer	1	Term	The index of column that be used as answer.
* Question	3	Meaning	The index of column that be used as question text.
Image	2	Image File	If there is image path, its column index.
Note	4	Desc.	Remarks data for quiz data.

Fig. After Index Setting

The above figure is an example of the input result here. Briefly, the input filed corresponding to "Answer" is "Term" in column index 1, the input filed corresponding to "Question Text" is "Meaning" in column index 3, and the input filed for "Image" is The input corresponding to column index 2 "Image file" and "Note" is column index 4 "Desc.".

If there is no problem with Index Setting, press the [Next] button and proceed to Proc.4 to select the import target sheets.

Proc.4 Import Sheet

After completing the linking of the field data, the next procedure is to select the sheets to actually import. After setting the linkage of the field data, when the [OK] button is pressed, the Excel sheets of the same group of the selected data format are normally selected by default. In the example, since group A was selected, all Excel sheets belonging to A should be selected immediately after. Here, it is possible to select an Excel sheet other than Group A, but be careful as it will be converted to quiz data according to the link settings of the field data.

Out Field	idx.	Input Filed	Explanation
			The index of colmun that be used as answer.
			The index of colmun that be used as question text.
Image	2	Image File	If there is image path,its column index.
Note	4	Desc.	Remarks data for quiz data.

Fields marked with * are a required.The search ends when blank data is found.

Fig. Before Import Sheet

If even one Excel sheet to be imported is selected, the [OK] button will be displayed as shown below.

Out Field	idx.	Input Filed	Explanation
* Answer	1	Term	The index of colmun that be used as answer.
* Question	3	Meaning	The index of colmun that be used as question text.
Image	2	Image File	If there is image path,its column index.
		Desc.	Remarks data for quiz data.

Fields marked with * are a required.The search ends when blank data is found.

Fig. After Import Sheet

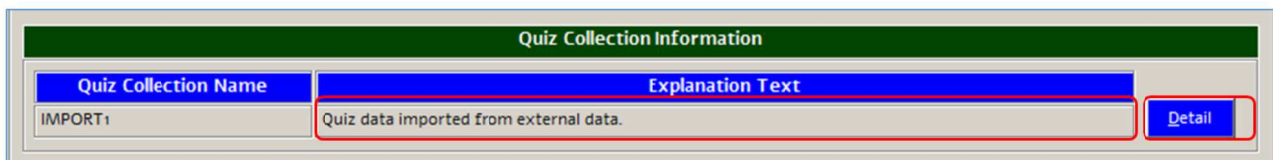
After confirming that there are no errors or omissions in the selection of the Excel sheet to be imported, press the [Next] button to proceed to the Collection Information procedure.

Proc.5 Collection Information

When the selection of the sheets to be imported is completed, the next procedure is to set the quiz collection information such as the name and explanation of the quiz collection to be output.

As shown in the figure below, by default, a set of question and explanation are entered, if there is no particular problem with this, it is possible to move on to the execution procedure of import processing. In that case, skip Proc.5 and proceed to Proc.6.

If you want to change the name or explanation of the collection, or set other collection information, press the [Details] button to display the import detail settings form.



Quiz Collection Name	Explanation Text	
IMPORT1	Quiz data imported from external data.	Detail

Fig. Before Collection Information procedure

The figure below shows the form displayed when the [Details] button is pressed.

Fig. Import Detail Setting Form

Enter and edit the question collection information you want to change, and press the [OK] button if you want to validate the settings, or press the [Cancel] button if you want to cancel. The table below summarizes the description of the editing items on this form. Please refer to this table and change/edit the settings of the collection information.

Tbl. Import detailed information setting items

Filed	Explanation
Quiz Collection Name	The name of the quiz collection when converting the imported data into quiz data and outputting it as a collection. Ex. Daily Life Dictionary
Explanation Text	Text describing the contents of the output collection. Ex. A collection of quiz questions related to everyday lief.
Root path of image file	Basic path for identifying the file when there is an image file data item in the imported data and it is described with a relative path. It is also possible to show the path selection dialog with the "Folder" button and select it.

	Ex. C:\Users\morikawa\Desktop\dic¥img
Insert Text Setting	This is an item for setting whether or not to insert a sentence at the beginning of the data corresponding to the question text when the imported data is converted and output as quiz data.
Insert Text	This is an item for editing the contents of an added sentence. Ex. The following text explains ###, what is ###?
Convert Word	If there is a correct character string in the question text data, the answer may be easily guessed. Therefore, when converting to a specific character string, enter the conversion character string in this item. An empty string cannot be specified for this value. Ex. ###

Proc.6 Import

If it is possible to import external data, the [Import] button will be displayed in yellow as shown below.

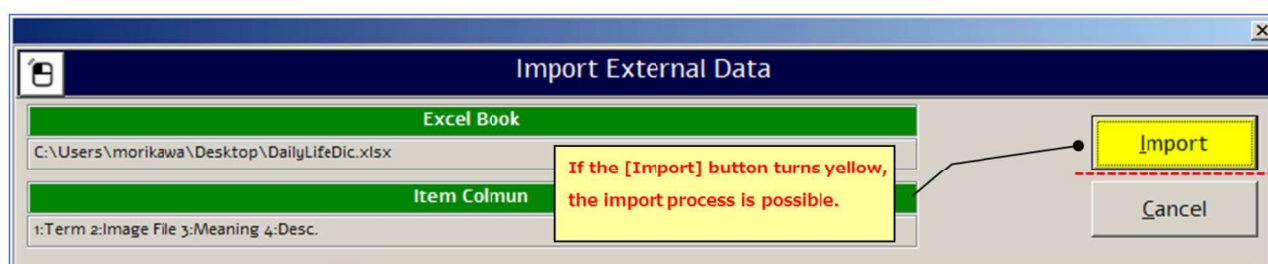


Fig. Before Import procedure

If you want to execute the import process, press the [Import] button, and if you want to cancel it, press the [Cancel] button.

Accelerator

The following is a list of processes that can be used as shortcuts in using combination with the [Alt] key.

Tbl. Import External Data Form Accelerator List

Key	Process
[Alt] + [B]	Show the Excel workbook selection dialog.
[Alt] + [X]	Process equivalent to pressing the [Next] button.
[Alt] + [A]	Select all of the list in Field Select procedure and Import Sheet procedure.
[Alt] + [O]	Cancel all list selections in Field Select procedure and Import Sheet procedure.
[Alt] + [D]	Show the Import Detail Setting Form.
[Alt] + [I]	Execute to import.
[Alt] + [C]	Performs the same processing as when the [Cancel] button is pressed.

※You can change the form selection control¹ with the [Tab] key.

Tbl. Import Detail Setting Form Accelerator List

Key	Process
[Alt] + [S]	Toggle whether or not to add one sentence.
[Alt] + [D]	Show the image basic path selection dialog.
[Alt] + [O]	The same process as when the [OK] button is pressed is executed.
[Alt] + [C]	Performs the same processing as when the [Cancel] button is pressed.

※You can change the form selection control with the [Tab] key.

¹ A control is a user interface, such as a button, text box, or list used on the form.