PubMedMaker 7

for Windows

PubMedMaker is bibliography software, which is designed for anyone who wishes to manage medical literature data with a FileMaker Pro database. PubMedMaker 7 is an exclusive version for FileMaker Pro 7. You perform a search of the literature in PubMed, NLM gateway or TOXNET on the Internet and save the search results as a text file. PubMedMaker converts this text file into a FileMaker Pro database simply by dragging & dropping. By using FileMaker Pro's function, you can search, select, sort, and print literature references. Literature list can be formatted and exported in simple text, rich text (Reference list for your paper) or HTML (Reference Web Publishing) to conform to the style you desire.

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• FileMaker Pro® is a registered trademark of FileMaker, Inc. The trial versions for Macintosh and Windows are available.

FileMaker, Inc. http://www.filemaker.com/

• PubMed, NLM Gateway and TOXNET services of National Library of Medicine (NLM), provide access MEDLINE and TOXLINE databases on the Internet. Users can search medical literature data and save the search results without charge.

PubMed http://www.ncbi.nlm.nih.gov/entrez/query.fcgi

Gateway http://gateway.nlm.nih.gov/gw/Cmd

TOXNET http://toxnet.nlm.nih.gov/

Index

Setting of PubMedMaker 7

1. Preferences

Double click PubMedMaker 7

How to get FileMaker Pro database

[each time] You get separate FileMaker Pro database by dragging & dropping of download file each time.

[always same file] MEDLINE data are always stored in the same FileMaker Pro database. You can arrange the name of this database in the Preferences.

Conversion of MEDLINE files to...

[FileMaker Pro databases] FileMaker Pro database is created by simply dragging & dropping a text file onto the PubMedMaker 7 icon.

[Converted files] A converted file (.cvt) is generated by dragging & dropping a text file onto the PubMedMaker 7 icon. "Add Text" button of an existing FileMaker Pro database imports additional MEDLINE data from converted files.

Download files after conversion

[put away in Download files folder] A text file is moved to the "Download files" folder after conversion, which is automatically made in the PubMed7 folder.

[move to Trash] A text file is deleted after conversion.

[as it is] A text file is left as it is after conversion.
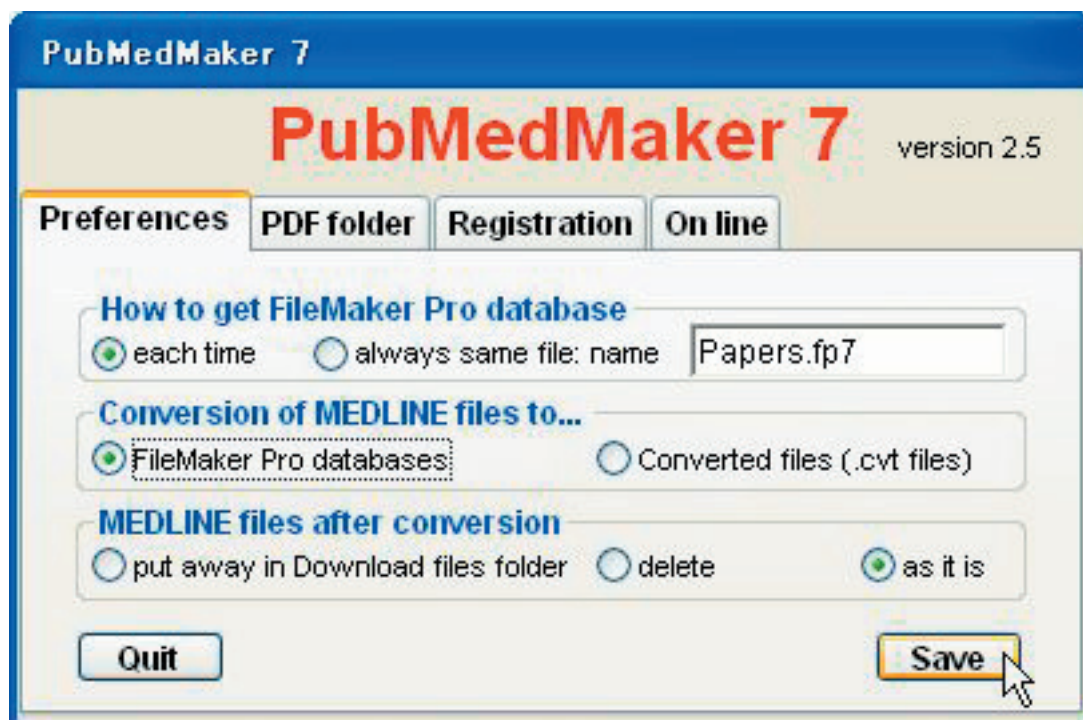
Note: If you change setting, "Save" button becomes active. Click "Save" and then do "Quit".

2. PDF folder

Click the "PDF folder" tab panel of PubMedMaker 7. "PDF folder" has a specific structure, in which PDF files are stored. If this is the first time that you use PubMedMaker, click "New". PubMedMaker 7 makes an empty "PDF folder" at any place. Even if you have used PubMedMaker, and have a PDF folder already, path information is empty when you use a new version of PubMedMaker 7 for the first time. Specify the "PDF folder" that you are using.
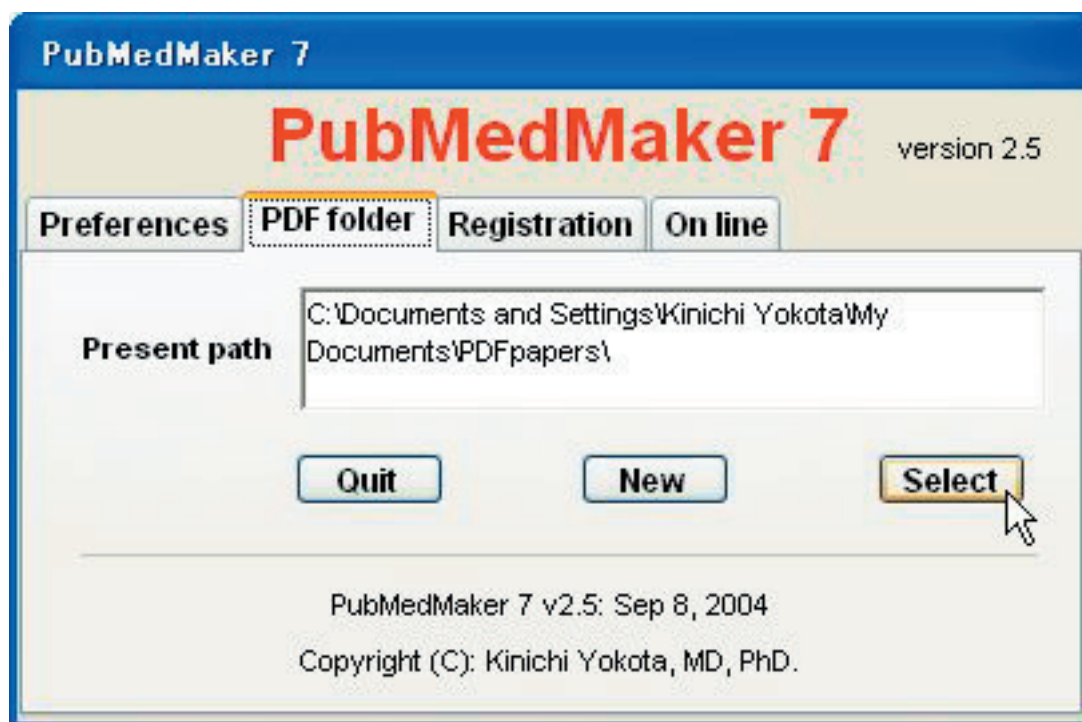
3. FileMaker Pro 7

If your monitor has more than 1024 x 768 pixels, there is no need to do. If your monitor has 800 x 600 pixels, uncheck Status bar on the Display menu of FileMaker Pro 7.

Note 1: If PubMedMaker 7 quits abnormally when you choose a "PDF folder", delete "PubMedMaker pdf" file. This is because the "PubMedMaker pdf" file is damaged. Delete it and try again. "PubMedMaker pdf" file is located in the Templates folder of PubMed7 folder.

Note 2: The PDF folder includes sub-folders with a year name. Each PDF file moves into the sub-folder with the same year when the PDF file is published. If "Keep PDF" button does not work, possibly there is not a sub-folder of that year. In such case, please make a sub-folder manually in the PDF folder.

Use of PubMedMaker 7

A. Making Reference list for your paper or homepage

1. Literature search and download

(1) MEDLINE search at PubMed

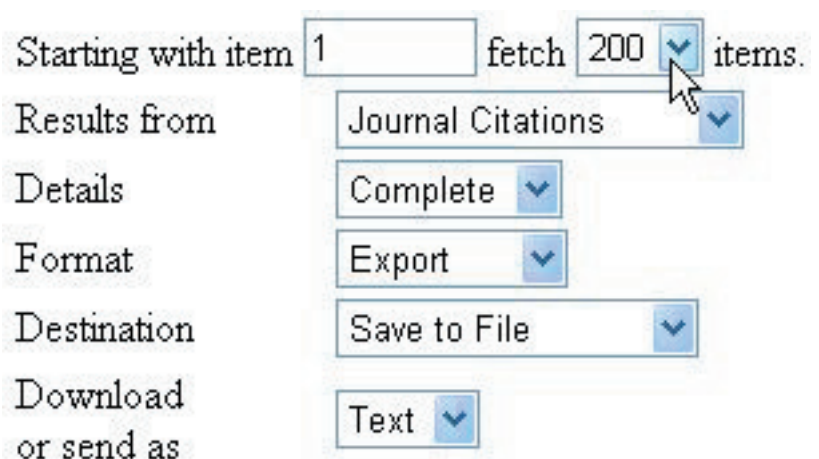**http://www.ncbi.nlm.nih.gov/entrez/query.fcgi**

Search results will be displayed with "Summary" format by default. Choose "**MEDLINE**" format, "**File**" on the pop-up menu, then click "**Send to**". All records are downloaded irrespective of shown records. The records are saved as a text file by the default name of "query.fcgi". Change it to a suitable name. Short name of 12 letters or less is recommended.
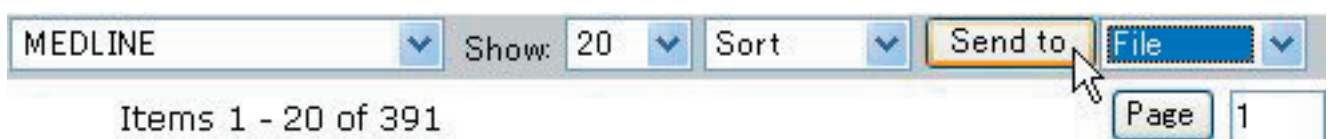
(2) MEDLINE search at NLM Gateway

http://gateway.nlm.nih.gov/gw/Cmd

Click "Display Results", "Download or Display". Choose suitable designations from the pop-up menu as shown in the figure to the right. PubMedMaker cannot accept a text file downloaded with other settings. Set item number to one higher than that of the search result. The records are saved as a text file by the default name of "Cmd". Change it to a suitable name. Short name of 12 letters or less is recommended. If a search result is shown on the web browser, perform "Save as" command of the web browser with a text format.

(3) TOXLINE search at TOXNET

http://toxnet.nlm.nih.gov/

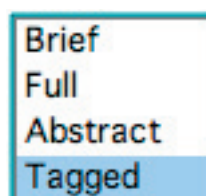After search, click on number of a search result at "TOXLINE Special" or "DART Special". PubMedMaker accepts data from TOXLINE or DART/ETIC. Click "Download" button in the left menu.

Choose "Tagged" in the pop-up menu, and click "Download". The records are saved as a text file by the default name of "download.txt". Change it to a suitable name. Short file name of 12 letters or less is recommended.
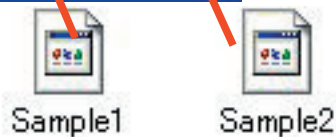
2. Making FileMaker Pro databases

(1) How to get FileMaker Pro databases.

A FileMaker Pro database is generated by dragging & dropping a text file onto the PubMedMaker 7 icon.

each time always same file
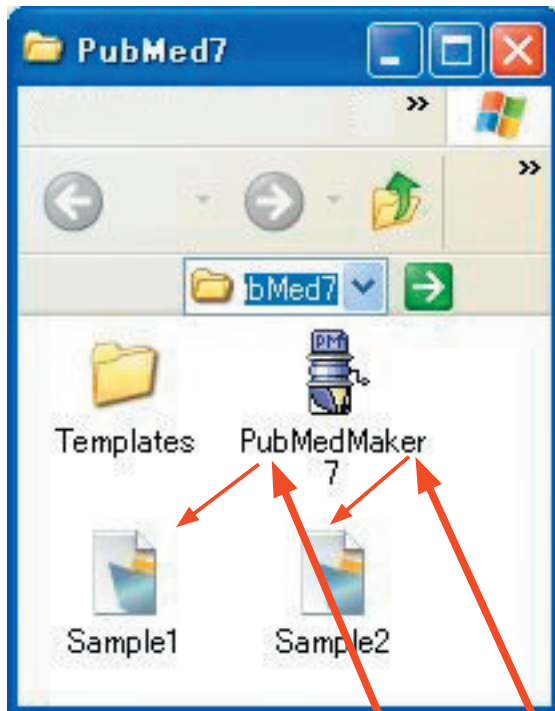
You get separate FileMaker Pro database by dragging & dropping of download file each time.
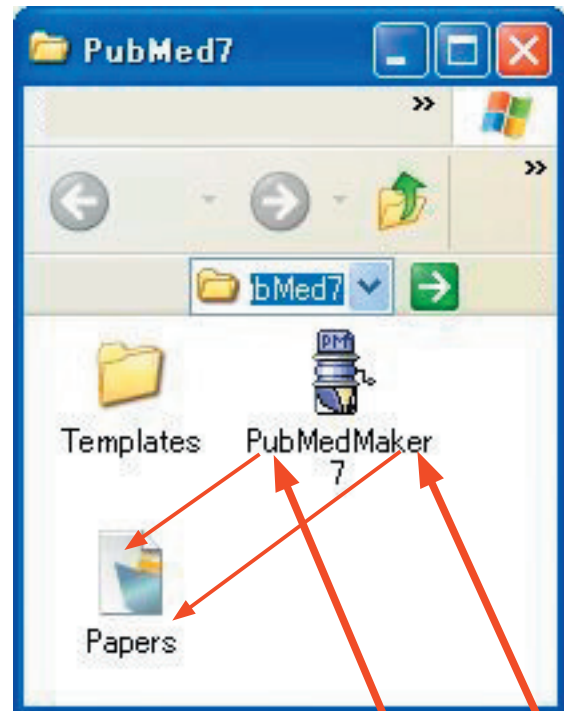
MEDLINE data are always stored in the same FileMaker Pro database. You can arrange the name of this database in the Preferences.

Note: In case of "always same file", automatic import function of additional data does not work if FileMaker Pro has been opened. Click "AddText" button, and choose "PubMed.TXT" in the PubMed7 folder.

(2) Conversion of MEDLINE file to...

FileMaker Pro databases

Converted files

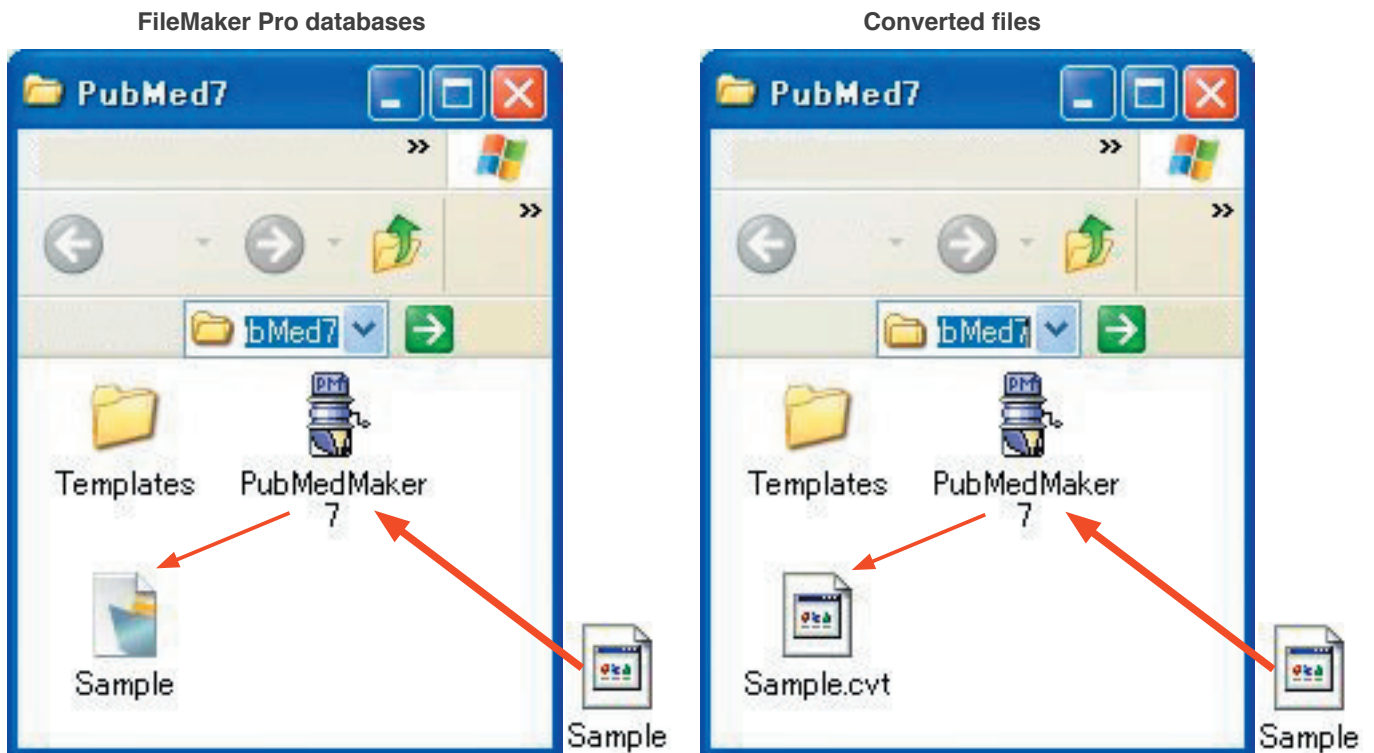A FileMaker Pro database is generated by simply dragging & dropping a text file onto the PubMedMaker 7 icon.

A converted file (.cvt) is generated by dragging & dropping a text file onto the PubMedMaker 7 icon. "Add Text" button of an existing FileMaker Pro database imports additional MEDLINE data from converted files.

(3) Adding new data to FileMaker Pro database

• **"New" button**

You can write new literature data with the "New" button which is located in the Input Page or Write page.

[Input Page] You can add journal data. "Write New Journal Data" command in the Script menu is the same as this button.

[Write Page] You can add data from journas, chapters in a book or books. Choose the category of the literature among Journal, Chapter in Book, and Book. Input data according to the example shown with red letters. There are specific fields used for only Journal, only Chapter in Book, and both for Chapter in Book and Book.

Input Page

New

Write Page

New

• **"Add Text" button**

The "Add Text" button imports MEDLINE data from converted files (.cvt) in the PubMed7 folder. To get converted files, set "Conversion of MEDLINE files to..." to "converted files (.cvt)".

Add Text

● **"Add FMP" button**

The "Add FMP" button imports MEDLINE data from other FileMaker Pro databases, which were made with PubMedMaker 2.1/PubMedMaker X 2.1/PubMedMaker 7 v2.5 or later. Database files made with FileMaker Pro 6.0 or lower should be converted by FileMaker Pro 7.0 before import. Set a file type to "FileMaker Pro" in the dialog.

(4) Conversion of FileMaker Pro database to new version of PubMedMaker 7

Simply drag & drop a FileMaker Pro database onto the PubMedMaker 7 icon. Database files made with FileMaker Pro 6.0 or lower should be converted by FileMaker Pro 7.0 before this procedure. There are three cases where you have to convert FileMaker Pro databases.

(1) Conversion of an old FileMaker Pro database to a later version (2.1 or later).
(2) Conversion of a FileMaker Pro database for Mac to that for Win.
(3) Conversion of a FileMaker Pro database for Win to that for Mac.

A converted file has an extension of (M).fp7 in case of Mac, and (W).fp7 in case of Win.
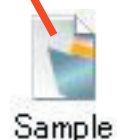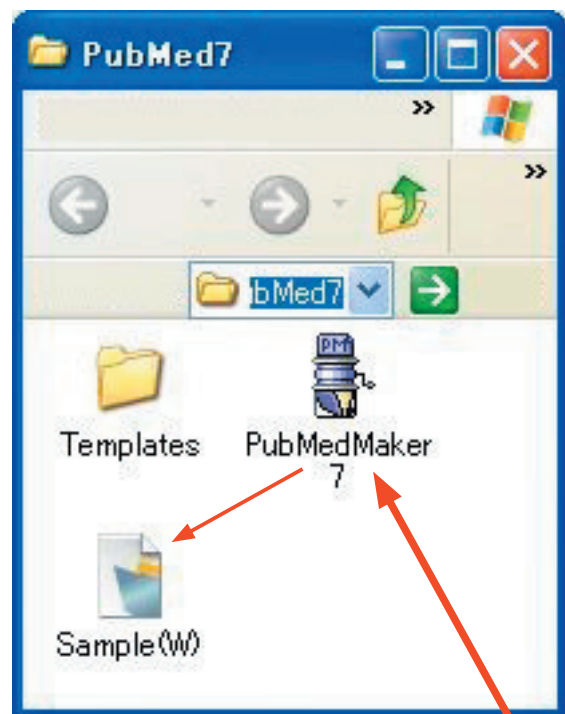
Note: When you add MEDLINE data with the "Add Text" button or "Add FMP" button, the records added are selected in the FileMaker Pro database. Click the "ALL" button to show all records. You can delete the duplicate records with the "dupli" button.

3. Choosing literature for citation and making a Reference database

(1) Choosing literature for citation and sorting literature

• Choosing literature by the check box

Check the red check box of the literature that you are going to cite, and then click "Checked" button (Input Page) or "**Find X**" button (List Page). Literature that you have checked are found and alphabetically sorted by first author's name.

• Choosing literature by citation numbers

Enter the citation number in the pink box that you are going to cite, and then click "**FindCite**" button. The literature bearing the numbers you have input is chosen and sorted by the citation number.

• Sorting literature and entering serial numbers

You can sort records by journal name (Jo button), authors name (Au button), publish date (new to old; Date buton), and cite numbers (Cite button). Serial numbers are automatically put in the pink boxes by the "Serial" button in the present sort status. "Del No" button deletes all cite numbers.

#### • Choosing literature by checking boxes and sorting it by citation numbers

First, you roughly select literature by the red check box and "**FindX**" button. And then enter citation numbers in the pink boxes while writing the paper. Second, click "**Cite**" sort button. The literature bearing the citation numbers you have entered is sorted by the number at the start of the list, and that without citation numbers is sorted by alphabetical order of the journal name at the end of the list. When you finish inputting all citation numbers, click "**FindCite**" button.

(2) Making a Reference database

Click "RefList" button when you have finished choosing literature for citation. Reference.fp7 is generated in the PubMed7 folder, and the records are moved to the Reference database. If the Reference database already has the citation data, it is renewed.
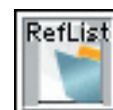
Note: If reference.fp7 does not appear in the PubMed7 folder, you can make it manually. Reference.fp7 is located in the FMP7 folder in the Templates folder. Duplicate it and place it in the PubMed7 folder.
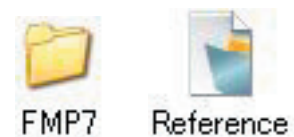
4. Output of Reference list

(1) Reference Set up

• Formats of Authors

A total of 23 formats are available. There are 13 formats in the Author (1) and 10 formats in the Author (2). Author (1) includes major formats used in English journals. In "all (a)" to "all (e)" and "all (g)", "and" or "&" is inserted before the last author. The fomats of "all (a)" to "all (g)" show all authors up to 30, and 30 + "et al" if 31 or more authors. You can choose format of "all (a)" to "all (g)" with space or without space. You can choose ", et al" or " et al".

Author (1)

next
other author formats

No period
- ● less than 3
- ○ less than 6
- ○ less than 5, or 3 if more than 6
- ○ less than 6, or 3 if more than 7
- ○ less than 7, or 3 if more than 8
- ○ all (no period)

Add period [all (a)~(g): up to 30]
- ○ all (a) Yokota, K., Misato, M. K., and Wa
- ○ all (b) Yokota, K., Misato, M. K. and Wa
- ○ all (c) Yokota, K., M. K. Misato, and J. V
- ○ all (d) Yokota, K., Misato, M. K. & Wata
- ○ all (e) Yokota, K., M. K. Misato & J. Wa
- ○ all (f) K. Yokota, M. K. Misato, J. Watar
- ○ all (g) YOKOTA, K., MISATO, M. K. an

et al ● , et al ○ et al   **Space** ● Yokota, K. I. ○ Yokota,K.I.

Author (2) has other author formats including Nature and Science. The name with (and) indicates that "and" is inserted before the last author.

Author (2)

previous
main author formats

No period
- ○ less than 1
- ○ less than 2, or 1 if more
- ○ less than 3 (and)
- ○ all (and)

less than 5, or 1 if more

Add period
- ○ less than 1 (.)
- ○ less than 2, or 1 if more (.)
- ○ less than 3 (.)(and)
- ○ all (.)
- ○ Nature
- ○ Science

Yokota, K.
Yokota, K., Misato, N
Yokota, K., Misato, N
Yokota, K., Misato, N
Yokota, K., Misato, N
K. Yokota, M. Misato

(and) inserts "and" before last author: Yokota K, Misato M and Wa

et al ● , et al ○ et al

● **Formats of Journals, Year, Page and Cite No**

Choose one in each category, according to the journal's roles to which you are going to contribute, or to conform to the style you desire.

● **Order settings**

Choose the order of Title-Year and delimitors on the pop-up menu. Delimitors listed upper half are spaced and those listed lower half are not spaced.

● **Style settings**

You can set bold/plain/et al italic of Authors and bold/italic/bold-italic/plain of other items. You can also specify the font (RTF, HTML) and No<space>Author/No<tab>Author from the pop-up menu (RTF, text). Select "Title" after Author in making a Web reference.

(2) Store and restore of your settings

You can store Reference settings up to 6 sets. Set1 is used as default when a new Reference database is generated. Reference format of "Gut" is provided in Set1 for initial use.

● **How to store your settings**

Enter the journal name into "This set name" box. Click the downward arrow of the set whose settings you want to store.

● **How to restore your settings**

Click the upward arrow of the set that you want to restore.

● **How to clear your settings**

Click the small trash icon of the set that you want to clear.

Note 1: The period marks of Journal name applied to only major English journals. Please verify the export file.

Note 2: Delimitors of the upper group have a space after the characters. Those of the lower group do not have a space.

(2) Export of Reference list files

Click "Ref export" button to go to Reference Page.

• **RTF export**

Click the "RTF export" button. "Reference.RTF" appears in the PubMed7 folder. Open "Reference. RTF" with a rich text compatible word processor, such as MicrosoftWord or WORDPAD. An example is shown below.

• **TXT export**

Click the "TXT export" button. "Reference.TXT" appears in the PubMed7 folder. Open "Reference. TXT" with any word processor or text editor. This is a plain text file without style.

• **List export (HTML)**

Click "List export" button. "RefList.htm" appears in the PubMed7 folder. Open "RefList.htm" with a web browser, such as Internet Explorer, or an HTML editor or HTML compatible word processor like MicrosoftWord.

• **Web reference export (HTML)**

Click "Web export" button. A web reference file named that of source database + ".htm" appears in the PubMed7 folder. Authors are linking to PubMed summary pages. Web reference files are small sized and can be opened by a web browser. They are used not only for web publishing, but also for sharing reference data with your colleague. An example is shown below.

B. Link to on-line journal

• Link indicators

Input Page: If the record has a link to an on-line journal, the indicator radio button is on. F stands for a full text page, S for an abstract page.

List Page: The indicators are located at right side of record. Upper radio button indicates a link to a full text page, the lower to an abstract page.

• on-line button

You can easily find and choose literature which has link information to on-line journals. Go to List Page in the FileMaker Pro database. Click "On-line" button in the foot bar to choose them.

• PubMed button

The PubMed button opens the PubMed Summary Page of the present paper appearing in the FileMaker Pro database. There is a link icon to the on-line journal in the PubMed Summary Page if available.

• Journal button

The Journal button, Internet Explorer's icon, opens an on-line journal on the internet if the link indicator is on.
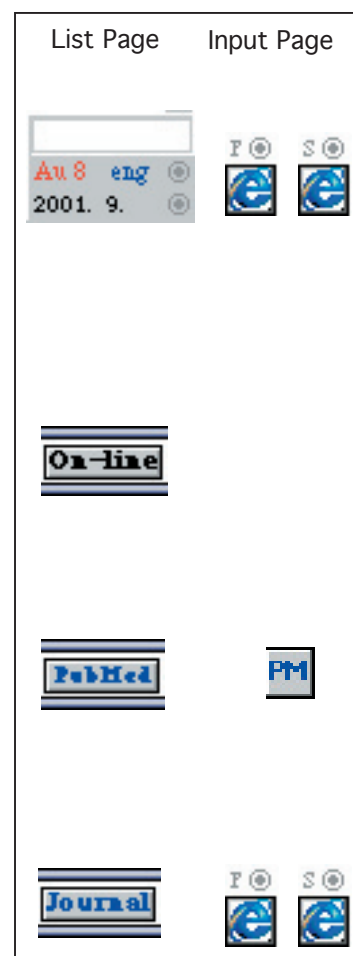
Note: NLM Gateway includes URL data. PubMed does not include them.

C. Automatic management of PDF files of literature.

1. Input Stored PDFs button

Input Page

When you make a new database, this button imports all PDF names if they are found in the PDF folder. The same command is also available in the Script menu.

2. Downloading PDF literature files

Click "Reprint (PDF) Version of the Article" in the on-line journal, and then click "Begin manual download". Or click "PDF" button in the on-line journal. A PDF file opens, click "Save a Copy" button on the tool bar of Adobe Reader or Acrobat Reader.

3. How to link to PDF files

List Page   Input Page

• **"Check PDF" button**--"?" icon button inspects the "PDF folder". If the PDF file is found in the PDF folder, the name of the PDF file is imported to the PDF name box of the present literature.

• **Keeping PDF files in a PDF folder**--Click the "Keep PDF" button. A dialog appears. Select the PDF file that you have downloaded, and click "Open". The PDF file is moved to the PDF folder. The name is changed to PMID+".pdf", which is imported in the PDF name box of the FileMaker Pro database.

• **Opening PDF literature files**--Click the "Open PDF" button. This button opens PDF literature files with Adobe Reader.

Note: When buttons for PDF do not work, check below.

• Confirm PDF path setting in the PubMedMaker 7.

Click PubMedMaker 7, click PDF folder tab panel. See the path. If it is not correct, set it again. See page 4.

Present path   C:\Documents and Settings\Kinichi Yokota\My Documents\PDFpapers\
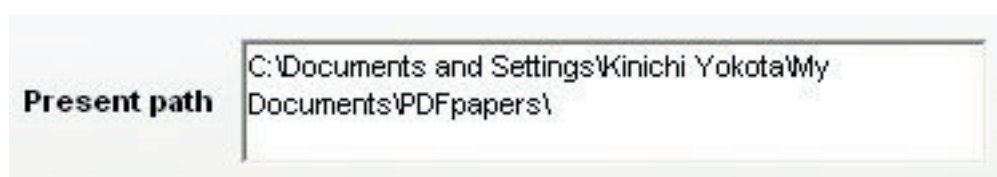
• Shortage of "year folders".

The PDF folder includes sub-folders with a year name. Each PDF file moves into the sub-folder with the same year when the PDF file is published. If "Keep PDF" button does not work, possibly there is not a sub-folder of that year. In such case, please make a sub-folder manually in the PDF folder.

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• Confirm PDF path setting in the FileMaker Pro database.

Go to Search Page. See the path data. The path must include year data. If it is not correct, perform "Reset PDF folder" command in the Script menu.

PDF path C:\Documents and Settings\Kinichi Yokota\My Documents\PDFpapers\2003\

D. Use as a reference browser

1. Addition/deletion of literature

• **"Add Text" button**

You can add MEDLINE data in the FileMaker Pro database. The "Add Text" button imports MEDLINE data from converted files (.cvt) in the PubMed7 folder. To get converted files, set "Conversion of MEDLINE files to..." to Converted files (.cvt files) in the Preferences. Converted file (.cvt) is deleted after importing.

• **"Add FMP" button**

You can add MEDLINE data in the FileMaker Pro database. The "Add FMP" button imports MEDLINE data from other FileMaker Pro databases (version 2.1 or later).

• **"Delete record" button**

This button deletes the currently appearing record of literature in the database.

• **"Delete found records" button**

This button deletes all literature currently found in the database.

• **"Duplicate records delete" button**

You can delete duplicate literature in the database. You can leave one of the duplicates either newly or oldly imported. The "Find Duplicate Records" command in the Script menu searches for duplicate records but does not delete duplicates.

2. Change of appearance

• **Toggle AU/FAU**

AU (abbreviate) and FAU (full name) are toggled if you click Author field.

Viklund L, Loo BM, Hermonen J, El-Darwish K, Jalkanen M, Salmivirta M

Viklund, Leif; Loo, Britt-Marie; Hermonen, Jorma; El-Darwish, Kamel; Jalkanen, Markku; Salmivirta, Markku

• **Font size button**

You can choose 12 or 14 point fonts. If you choose a 14 point font in the Input page, the same font size will appear in the List Page. The window size enlarges automatically.

• **Display font button**

This button toggles Times and Geneva (Mac), or Times New Roman and Arial (Win).

3. Making a memo, Check reprints/photocopies, Save search words

• Memo button, memo indicator and memo list button

With the memo button (pencil icon) the memo area appears in the abstract field, and you can make a memo in this area. Click it again, and the memo area is hidden. If you make a memo, the indicator of a light blue circle comes on. With the memo list button you can move to the Memo List Page.

• "get" check box

You can check "get" check boxes when you get reprints or photocopies of papers. You can find such records by "Find Get Paper" command in the Script menu.

• Save search words

If you want to save the search words used in the PubMed MEDLINE, enter those words in the "Word" field in the Search Page, and click the "Save" button. The "Delete" button erases these words.

4. Performance of "find" in the FileMaker Pro database

• Find English Papers

You can select English literature with this button. The same command is available in the Script menu.

• Perform Find button

This button in the Search Page goes to the Find mode of FileMaker Pro. Enter search words and press the return key. The "Return key" performs the search. A search is based on FileMaker Pro's function. The same command is available in the Script menu.

• Perform Re-Find button

This button in the Search Page goes to the Re-Find mode of FileMaker Pro. The latest search words are shown. Enter search words and press the return key. The "Return key" performs the search. A search is based on FileMaker Pro's function.

• ALL button

This button shows all records to abort the search. The "ALL" button is also available in the List Page and the Search Page.

Note: The "Return key" performs the search in the Find Mode of FileMaker Pro. If you cancel a search, press Apple (command) key + B (Mac) or control key + B (Win) to go back to the Browse Mode.

5. Printing abstracts or literature lists

• **Sort buttons**

Before you print, sort literature. Literature is sorted by the journal name in alphabetical order (Jo button), first author's name in alphabetical order (Au button), publish date from new to old (Date button) and cite number from 1 to the last (Cite button).

Sort buttons

• **"Abstract print" button**

The "Abstract" print button in the Input Page prints Titles, Authors, Addresses and Abstracts of all currently found literature.

• **"Print List" and "Print Abst" buttons**

These buttons are located in the List Page. The "Print Abst" button is the same as that in the Input Page. Sort literature by the Journal button before performing the "Print List". You can easily find the articles at the library since they are sorted by the journal name in alphabetical order.

6. Sending e-mail to corresponding authors

This button opens a mailer software incorporating the e-mail address of the corresponding author and data of the paper, if MEDLINE data includes the e-mail address. The FileMaker Pro database uses the mailer that you specify at the Internet Control panel. If the record has the e-mail address data of the corresponding author, the indicator radio button comes on. This button is also available in the Search Page and Write Page.

Copyright

PubMedMaker 7

Windows version 2.5

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• Contact the Author

If you have any questions, please feel free to ask me via e-mail, whether you are a registered user or not (I don't mind). I will reply to you as soon as possible. And I welcome any suggestions. I'd like to improve PubMedMaker 7 according to your ideas if possible.

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Web site	http://www001.upp.so-net.ne.jp/MedFiles/indexE.html

• PubMedMaker 7 is a freeware as is.

You can freely use PubMedMaker 7 as is with the universal registration code shown in Read me file. Double-click PubMedMaker 7, click Registration tab panel, enter User name, Registration code and click "Register". But If you want to modify the templates of PubMedMaker 7, you need a formal registration.

• Formal registration

Double-click PubMedMaker 7, click "On line" tab panel, and click "Register on line". You can reach my registration web page at <http://order.kagi.com/?ZWK>. A single user license includes 2 licences for PubMedMaker 7 for Macintosh and Windows version. A formal registration code and a pass word for the templates of PubMedMaker 7 will be sent via e-mail within 24 hours.

• Acknowledgement

PubMedMaker 7 v2.5 is made with REALbasic 4.5.2J. Many thanks for a REALbasic plugin made by Michio Ono, PhD: Micono RbStringUtil v1.5.0 <http://micono.hoops.ne.jp/rb/index.html>. PubMedMaker 7 Manual is made with Adobe InDesign CS 3.0.1J.

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