

§2. A Trial to Establish an Archival Finding Aid Utilizing the Encoded Archival Description - 2 -

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In FY 2008 we made a full-scale conversion of records of NIFS-FSAD into EAD/XML-based information retrieval system, which is operating at National Institute of Japanese Literature (NIJL). For the above mentioned conversion, we have two possible approaches. The first one is a way utilizing "Archival materials information sharing database (AMISDB)", and the second one is a direct conversion of records into EAD/XML - based information retrieval system. The first approach has some advantages, especially for the staff who are not well acquainted with database management systems. NIFS Fusion Science Archives (FSA) chose the first approach. In this report we give some technical description of this approach and show the results. On the second approach, the technical description will be given in the separate report in this issue of Annual Report.

AMISDB is a web submission system of records and produces EAD/XML-formatted data after some editorial procedures. AMISDB requires to input an individual record one by one. On the other hand, AMISDB has a function of batched registering of records. In order to utilize this function, we exported a set of data from NIFS-FSAD, and adjusted to format required for AMISDB's batched registration in MS-Excel spreadsheet. The most important advantage of EAD is the availability to represent hierarchy structure, and we should add the descriptive information on each hierarchy levels; collection, series and file levels to the spreadsheet (Fig. 1).

Collection	Series	File	Date
1 伏見東山氏家傳資料	B401a	401-01-01	1856.10.18
2 伏見東山氏家傳資料	B401a	401-01-02	1856.10.28
3 伏見東山氏家傳資料	B401a	401-01-03	1857.01.27
4 伏見東山氏家傳資料	B401a	401-01-04	1858.11
5 伏見東山氏家傳資料	B401a	401-01-05	1872
6 伏見東山氏家傳資料	B401a	401-01-06	1851.02.29
7 伏見東山氏家傳資料	B401a	401-01-07	1857
8 伏見東山氏家傳資料	B401a	401-01-08	1857.11.01
9 伏見東山氏家傳資料	B401a	401-01-09	1857.11.01
10 伏見東山氏家傳資料	B401a	401-01-10	1858
11 伏見東山氏家傳資料	B401a	401-01-11	1858
12 伏見東山氏家傳資料	B401a	401-01-12	1858

Fig. 1 A part of spreadsheet for batched registering.

By means of macro program in MS-EXCEL, data on the above mentioned spreadsheet is converted into XML files of format required for the batched registering (Fig. 2).

名前	日付	種別	登録日時
伏見東山氏家傳資料	1856.10.18	家傳資料	2009/02/19 15:24
伏見東山氏家傳資料	1856.10.28	家傳資料	2009/02/19 15:24
伏見東山氏家傳資料	1857.01.27	家傳資料	2009/02/19 15:24
伏見東山氏家傳資料	1858.11	家傳資料	2009/02/19 15:24
伏見東山氏家傳資料	1872	家傳資料	2009/02/19 15:24
伏見東山氏家傳資料	1851.02.29	家傳資料	2009/02/19 15:24
伏見東山氏家傳資料	1857	家傳資料	2009/02/19 15:24
伏見東山氏家傳資料	1857.11.01	家傳資料	2009/02/19 15:24
伏見東山氏家傳資料	1857.11.01	家傳資料	2009/02/19 15:24
伏見東山氏家傳資料	1858	家傳資料	2009/02/19 15:24
伏見東山氏家傳資料	1858	家傳資料	2009/02/19 15:24
伏見東山氏家傳資料	1858	家傳資料	2009/02/19 15:24

Fig. 2 A structure of the XML data of batch registering.

We succeeded in the correct registration of these XML files to the database. As a result, we confirmed the EAD/XML-based information retrieval system could retrieve the data of those XML files together with the descriptive data of EAD finding aids that had already been registered to the database (Fig. 3).

検索結果 - 覧 Search results

検索条件: [資料コード (Infs-004)] AND [検索手戻全体 Entire finding aid (401)]

該当件数: 10件 (1/100件目)

AND [AND] OR [OR] NOT [NOT] [AND] [OR] [NOT] [AND] [OR] [NOT]

表示順: [並び順] [並び順] [並び順]

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---伏見東山氏家傳資料---

--- 1856.10.18 (1856) --- 書写原稿

nifs-004-husimi-k/1-401-01-02 item

--- 1856.10.28 (1856) --- 書写原稿

nifs-004-husimi-k/1-2/401-01-03 item

--- 1857.01.27 (1857) --- 書写原稿

nifs-004-husimi-k/1-2/401-01-04 item

--- 1858.11 (1858) --- 書写原稿

nifs-004-husimi-k/1-4/401-01-05 item

--- 1872 (1872) --- 書写原稿

nifs-004-husimi-k/1-5/401-01-06 item

--- 1851.02.29 (1851) --- 印刷物

nifs-004-husimi-k/1-6/401-01-07 item

--- 1857 (1857) --- 書写原稿

nifs-004-husimi-k/1-7/401-01-08 item

--- 1857.11.01 (1857) --- 書写原稿

nifs-004-husimi-k/1-8/401-01-09 item

--- 1857.11.01 (1857) --- 書写原稿

nifs-004-husimi-k/1-9/401-01-10 item

--- 1858 (1858) --- 印刷物

nifs-004-husimi-k/1-10/401-01-11 item

--- 1858 (1858) --- 印刷物

nifs-004-husimi-k/1-11/401-01-12 item

--- 1858 (1858) --- 印刷物

nifs-004-husimi-k/1-12/401-01-13 item

Fig. 3 An example of a search result from batch registering data and already registered data.

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