大型文献深度揭示的理论研究与实践

《杜鲁门口述历史全集》缩微平片数字化加工及服务平台建设

华东师范大学图书馆　陈枝清

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三个方面

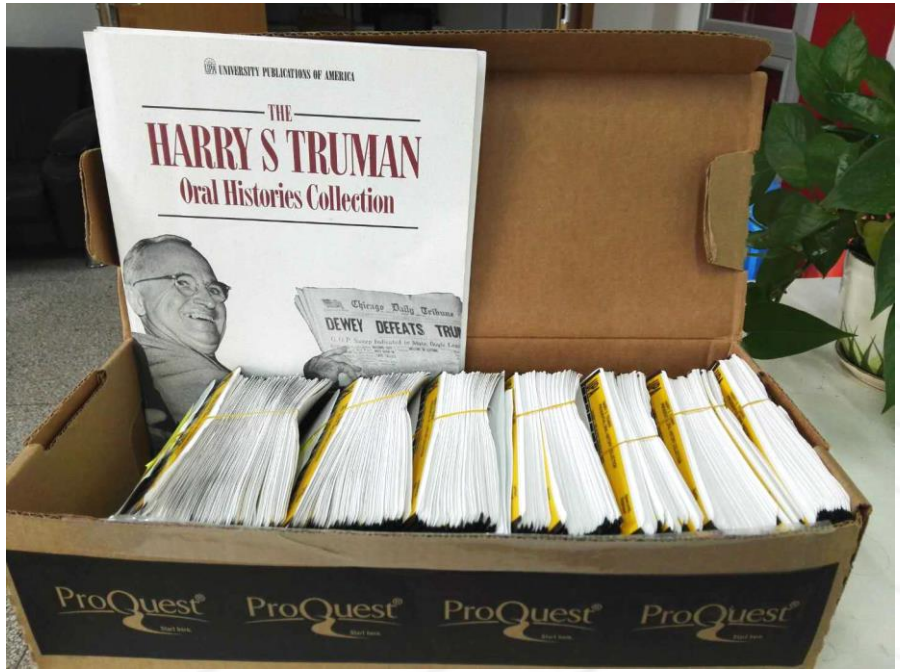
1、项目背景
2、建设过程
3、平台展示

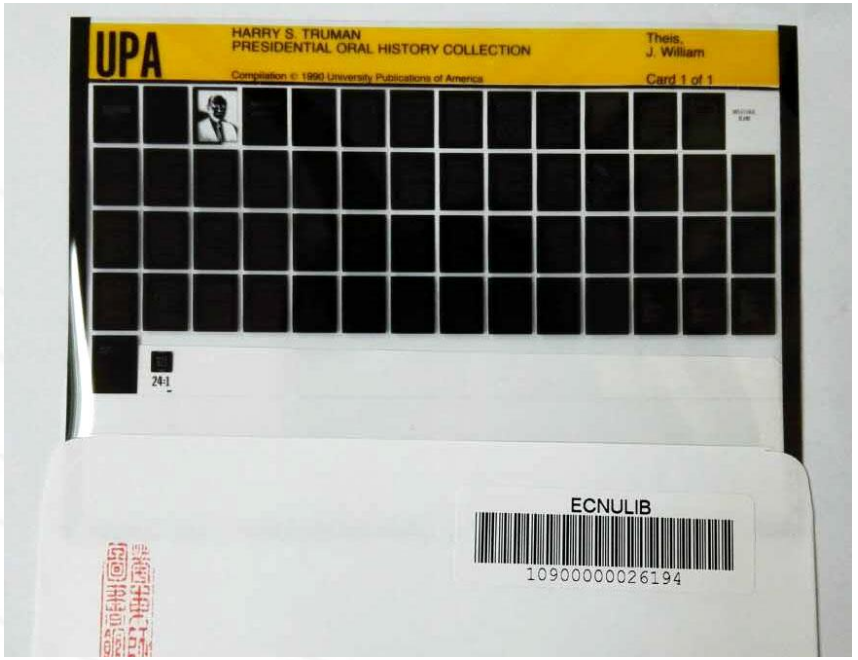
一、项目背景

《杜鲁门口述历史全集》由华东师范大学历史系梁志教授极力推荐的有关回忆杜鲁门总统生活和时代事件的一套缩微平片，真实再现了外交界、军界、内政官员等人物对当时许多重要问题的历史记忆与观察，具有很高的史料价值。

图：梁志教授在“开世览文名师讲堂”第3期中做直播。

一、项目背景





图：《杜鲁门口述历史》胶片

- 由ProQuest出版，2015年购进；
- 缩微平片：628卷；
- 华东师大图书馆是该文献国内高校唯一收藏馆；
- 需恒温恒湿环境存放，需专用设备读取，存在利用率极低、资源浪费弊端；
- CASHL开展“特藏++”深度服务项目

二、建设过程

二、建设过程

1、项目建设团队

分工：

由**数字化部**负责元数据制作、数据转换、图片美化、PDF制作、提出网站功能需求、网站测试、后期宣传等；

由**技术部**负责开发服务平台、全文挂接、校内外访问权限设置、CASHL文献传递链接等；

二、建设过程

2、制作元数据

根据印刷目录制作元数据，包括口述者姓名、口述日期、口述者与杜鲁门总统之间的社会关系、口述内容摘要、口述者机构、图片页数等。

	A	B	C	D	E	F	G	H
1	口述者姓名	口述内容摘要	note	口述者机构	口述者身份	采访日期	页数	全文浏览网址
2	Abbott, John	Naval officer who assisted in liaison between the liaison group in the Office of the Chief of Naval Operations and the Senate Special Program (the Truman Committee), 1944-46; and a special assistant to Secretary of the Navy Forrestal, 2/46 to 7/46.	Includes subject index.	Office of the Chief of Naval Operations; Senate Special Committee To Investigate the National Defense Program; Department of Navy	Military aides	3/5/70 to 3/17/70.	172	
3	Acheson, Dean	Assistant Secretary of State, 1941-45; Under Secretary of State, 1941-45; and Secretary of State, 1949-53		Department of State	Cabinet members; Foreign advisers	6/30/71.	25	
4	Achilles, Theodore	Foreign Service officer, U.S. Department of State, 1931-62. In addition, served as First Secretary, American Embassy, London, 1945, Brussels, 1946; Director for Western European Affairs, Department of State, 1947; U.S. Vice Deputy, North Atlantic Council, London, 1950, and Minister as Paris, 1952. Attended the United Nations Conference on International Organization, San Francisco, 1945; Council of Foreign Ministers, London, 1945; first session United Nations General Assembly, London, 1946, second session, New York, 1947; Paris Conference, 1945, 1946; North Atlantic Pact negotiations, 1948-49, NATO, 1950, 1952, 1960; and CENTO, SEATO, and Colombo Plan Conference, 1960; and CENTO, SEATO, and Colombo Plan Conference, 1960. Also served as Ambassador to Peru, 1956-90.	Includes subject index,	Foreign Service; Department of State; North Atlantic Council; United Nations Conference on International Organization; Council of Foreign Ministers; United Nations General Assembly; Paris Peace Conference; North Atlantic Pact negotiations; North Atlantic Treaty Organization; Central European Treaty Organization; South East Asia Treaty Organization; South East Asia Treaty Organization; Colombo Plan Conference	Foreign advisers	11/13/72 to 12/18/72.	174	

二、建设过程

3、缩微平片数字转换

将缩微平片通过胶片扫描系统全部转换成TIF图像格式，作为长期保存级数据，共转换43,563张图片，大小共50G。

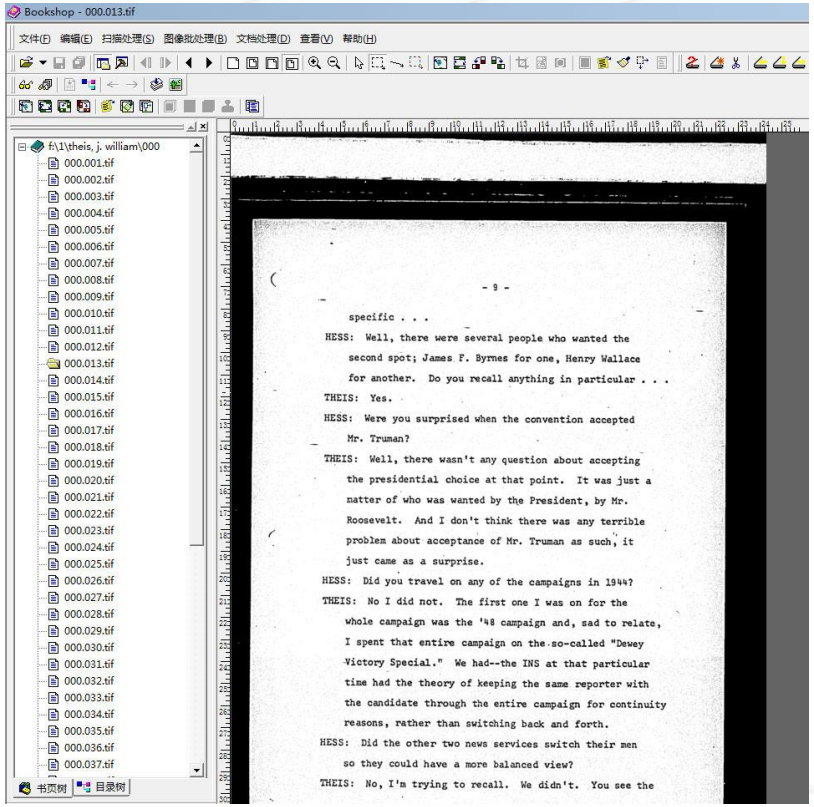
图：旧缩微资料扫描仪
不使用，速度慢，效果差

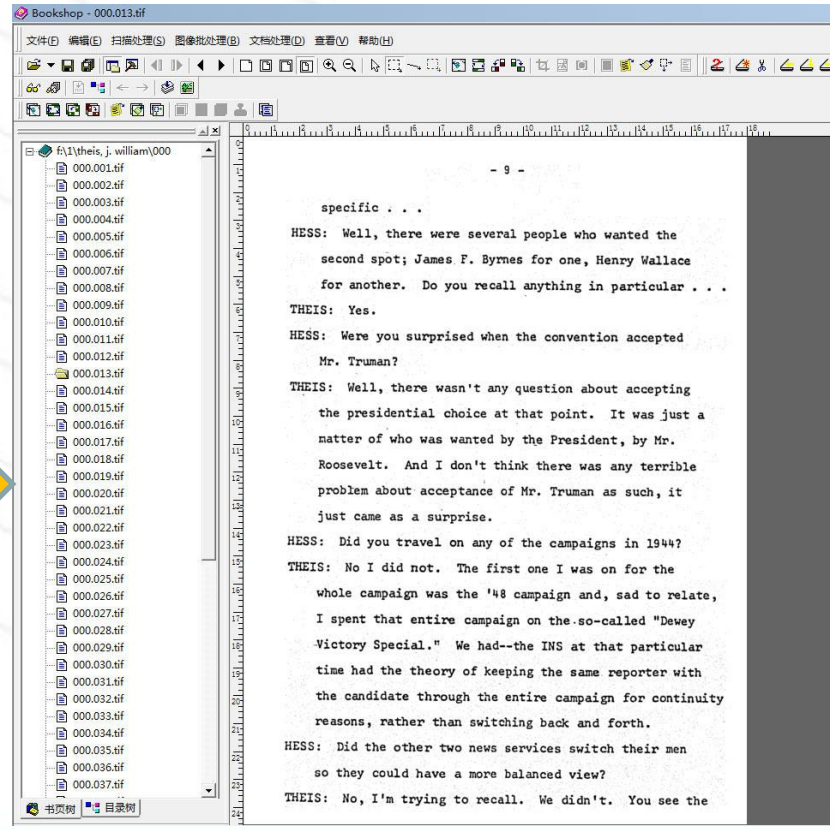
图：德国进口缩微扫描系统
使用，高效，效果好

二、建设过程

4、图片美化处理

将图片导入清华同方Bookshop图像处理软件中集中处理，对原图去黑边、去污点、倾斜校正，并按统一尺寸进行人工剪裁，在不改变清晰度前提下，使图片大幅度减小，便于网络传输。比如，500kb的原图，处理后变成20kb左右。





二、建设过程

5、图片转成PDF

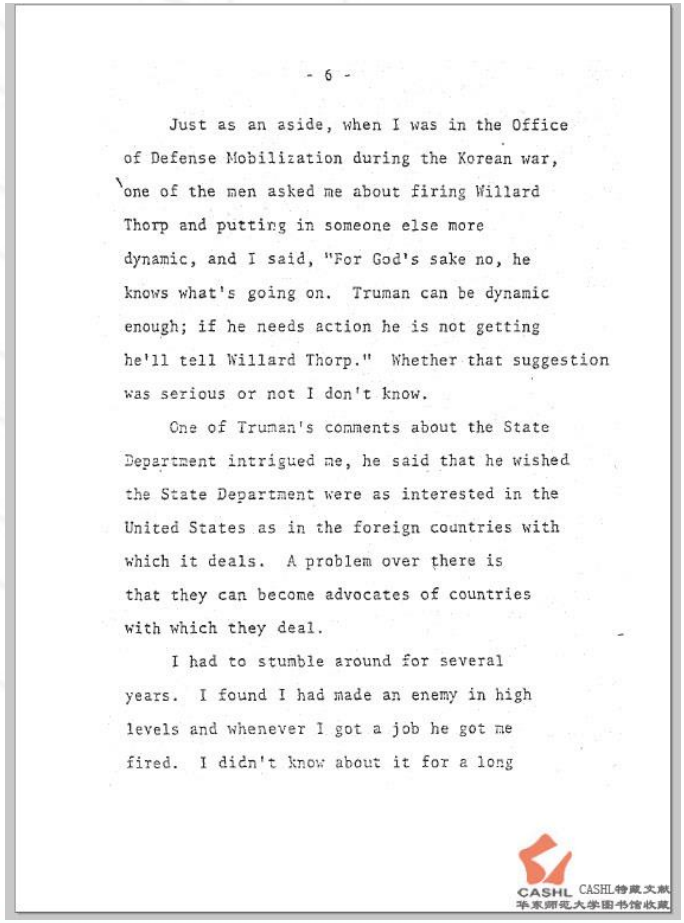
- 将经过处理的图片转换成PDF，并按口述者姓名_页码进行命名，以便程序挂接全文，如Warren, Earl_75.pdf

- 共转换394个PDF文件

二、建设过程

6、PDF添加水印

•对PDF添加CASHL大型特藏和华东师范大学图书馆字样水印，表明文献的所有权。



图：带水印PDF

二、建设过程

7、网站平台建设

平台设计需求分析

- 用已有的商业自建库平台？或自行开发？
  分析优缺点并根据本馆情况确定利用开源软件二次开发
- 考虑日益增长的手机用户，做自适应功能开发
- 向院系老师听取需求以更好设计平台
- 加入网页访问量统计程序
- 如何提供服务？
  提供校内浏览、检索、PDF全文在线下载
  提供校外元数据浏览和检索服务
  提供CASHL文献传递服务

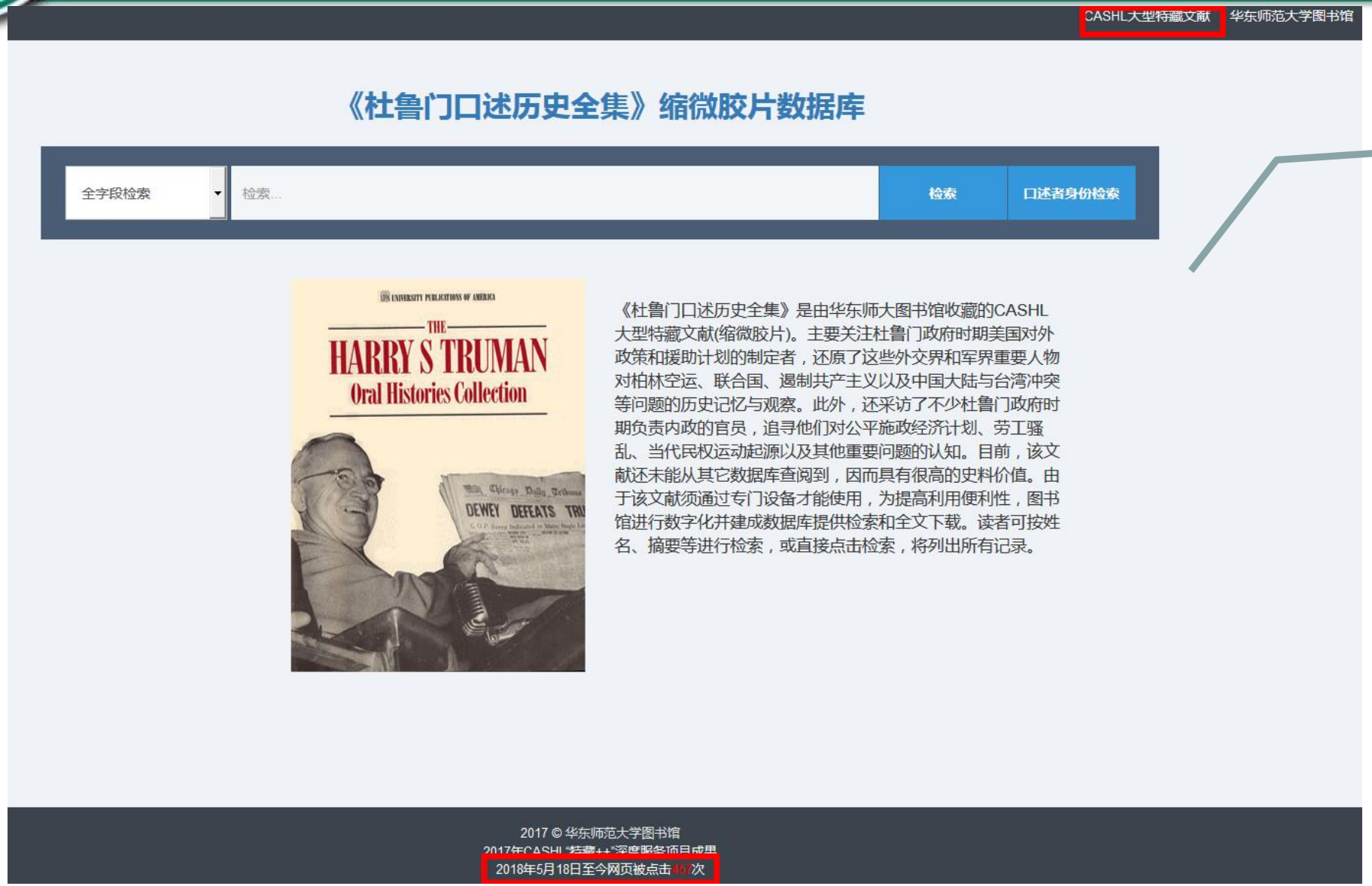
二、建设过程

7、网站平台建设

制作“《杜鲁门口述历史全集》缩微平片数据库”网站

http://www.lib.ecnu.edu.cn/truman/index.php

三、平台展示


CASHL大型特藏文献
华东师范大学图书馆
《杜鲁门口述历史全集》缩微胶片数据库
全字段检索
检索...
检索
口述者身份检索
THE
HARRY S TRUMAN
Oral Histories Collection
DEWEY DEFEATS
《杜鲁门口述历史全集》是由华东师大图书馆收藏的CASHL大型特藏文献(缩微胶片)。主要关注杜鲁门政府时期美国对外政策和援助计划的制定者，还原了这些外交界和军界重要人物对柏林空运、联合国、遏制共产主义以及中国大陆与台湾冲突等问题的历史记忆与观察。此外，还采访了不少杜鲁门政府时期负责内政的官员，追寻他们对公平施政经济计划、劳工骚乱、当代民权运动起源以及其他重要问题的认知。目前，该文献还未能从其它数据库查阅到，因而具有很高的史料价值。由于该文献须通过专门设备才能使用，为提高利用便利性，图书馆进行数字化并建成数据库提供检索和全文下载。读者可按姓名、摘要等进行检索，或直接点击检索，将列出所有记录。
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2018年5月18日至今网页被点击457次

平台首页

三、平台展示

CASHL大型特藏文献　华东师范大学图书馆

《杜鲁门口述历史全集》缩微胶片数据库

全字段检索　检索...　检索　口述者身份检索

检索结果页面

检索结果

口述者姓名	口述内容摘要	口述者机构	口述者身份	采访日期	页数	PDF下载	CASHL文献传递
Abbott, John	Naval officer who assisted in liaison between the liaison group in the Office of the Chief of Naval Operations and the Senate Special Program (the Truman Committee), 1944-46; and a special assistant to Secretary of the Navy Forrestal, 2/46 to 7/46.	Office of the Chief of Naval Operations; Senate Special Committee To Investigate the National Defense Program; Department of Navy	Military aides	3/5/70 to 3/17/70.	172	Abbott, John_172	CASHL文献传递
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三、平台展示

CASHL大型特藏文献 华东师范大学图书馆
《杜鲁门口述历史全集》缩微胶片数据库
全字段检索
检索...
检索
口述者身份检索
Agricultural advisers
Agricultural economics specialists
American artists
Army colleagues
Business associates
Cabinet members
Campaign supporters
Chauffeurs
Civil rights leaders
Clergy
Congressional staff
Economic advisers
Economists
Energy specialists
Family and friends
Financial advisers
Fiscal specialists
Foreign advisers
Foreign government officials
Foreign trade specialists
Grandview Missouri residents
Independence Missouri residents
Information specialists
Intelligence information specialists
International security specialists
Journalists
Labor affairs specialists
Labor leaders
Land management specialists
Legal advisers
Legal specialists
Media specialists
Members of Congress
Military advisers
Military aides
Naval officers
Personal assistants and secretaries
Photographers
Physicians
Political advisers and staff
Press officers
Protection officers
Public health specialists
Public housing specialists
Publicity specialists
Researchers
Special assistants
Speech writers
State and local politicians
Statistics specialists
Transportation specialists
Writers and historians
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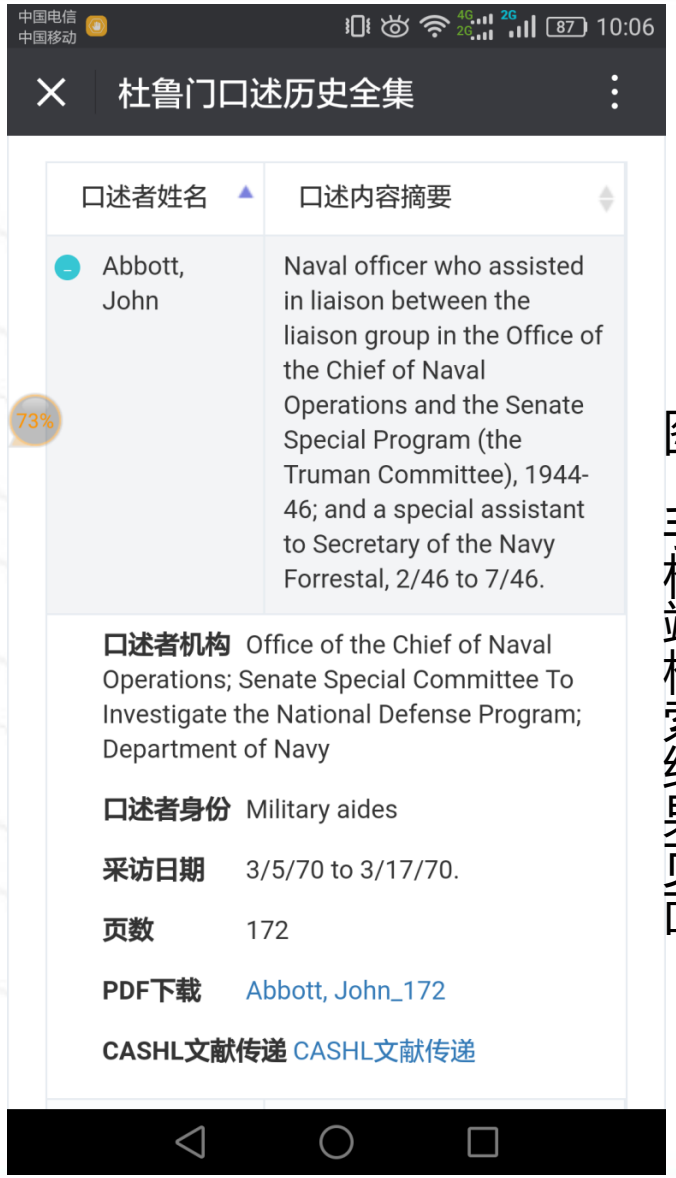
2017年CASHL"特藏++"深度服务项目成果

三、平台展示（手机自适应）

图：手机端检索首页



图：手机端检索结果页面

心得体会

◆有些工作可同时进行，比如著录元数据、资源数字化、平台设计，可缩短建设周期；

◆加大宣传力度，通过多种渠道如图书馆新闻、学校新闻、 CASHL平台、微博微信等新媒体以及相关专业院系的个性化推送等让读者知晓；

◆除了对本馆大型特藏宣传外，也要注重宣传CASHL其它大型特藏。比如在我们平台主页就特意加了CASHL大型特藏的超链接，让读者有渠道了解更多大型特藏；

◆若有几种大型特藏，先期可以从量少易做的入手，积累经验，再做其他特藏深度加工。例如本馆计划启动下一个CASHL大型特藏《尼克松白宫文件1--8专辑》的数字化工作。

谢谢！