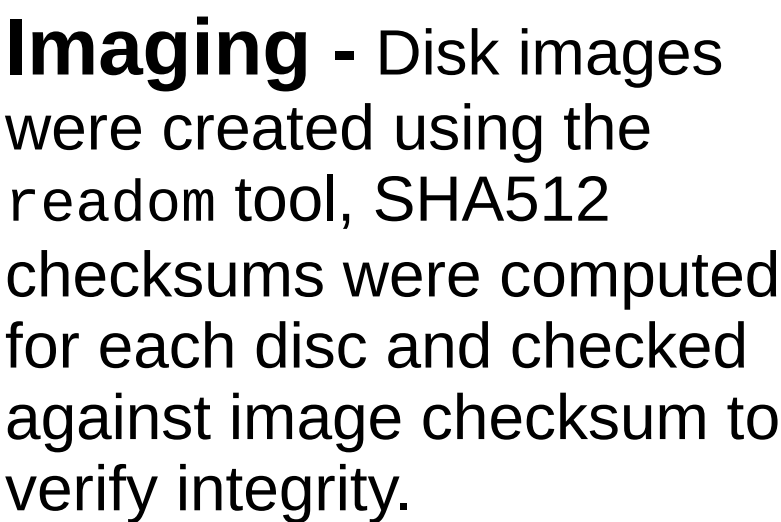




David Cirella, Yale University Library

Acquisition - CD-ROM set (244 discs) containing digitized print of the Yomiuri Shimbun, Japanese newspaper(1874 – 1970). Selected for preservation due to at-risk legacy media, limited physical access to discs, reduced availability of reading hardware, perpetual access copy of the content.



Complicating Factor -

Each data disk held thousands of extension-less files. File identification tools, including Siegfried and TrID, found no matches to existing format signatures. The files were of a proprietary format, not accessible by standard tools.

Complicating Factor – Through testing it was determined that the viewing software's interface would not render properly on modern Windows installations or the English language version of Windows XP (with language extensions installed).

大正の読売新聞
新聞紙面 検索システム

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了解
中止

検 索 画 面

辞書検索 読年表 ヘルプ

| 簡 易 検 索 | | 詳 細 検 索 | |
|---------|------|---------|--|
| 前万一致 | 後万一致 | | |
| 前万一致 | 後万一致 | | |
| 前万一致 | 後万一致 | | |
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| ?? | | 年/月/日 | ～ | 年/月/日 | |
| | | ee/07/30 | | ee/12/24 | 検索実行 |

発 行 形 態

☒ 全体
 ☐ 朝刊
 ☐ 夕刊
 ☐ 付録
 ☐ 号外

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ページ
 ☐ 写真付き記事

分　　　類

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| ?? | 0-2 %-E-j1-j | ?? | ?? |
| ?? | %- %D- | ?? | ?? |

全項目クリア
 数値項目クリア
 絞り込み解除
 検索結果再表示
 終了

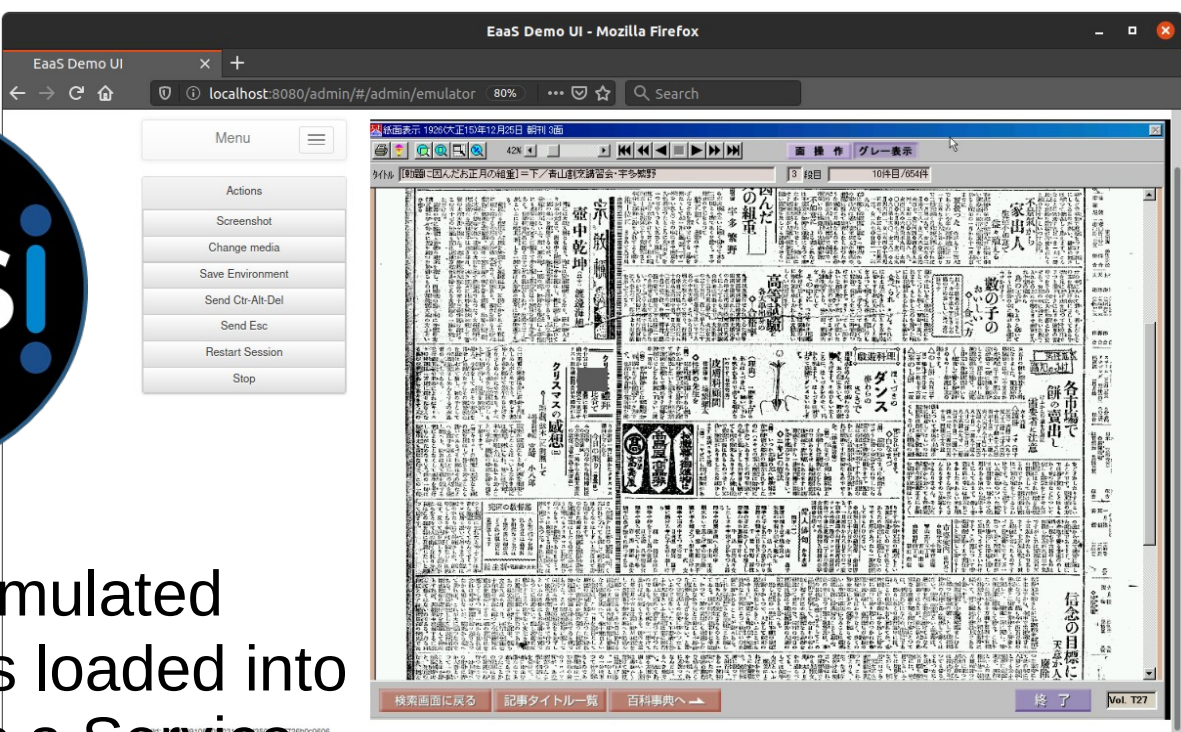
Operating Environment – Running the software in its original operating environment proved successful, requiring the acquisition of a laptop from the era running the Japanese Language version of Windows 98.



Complicating Factor – Using the original operating environment solved the problem of access, but introduced problems around legacy hardware.

[illegible]

Complicating Factor - Running the viewing software via QEMU worked well for content validation of the disc images but would not be a scalable solution for wider access.



EaaS – The emulated environment was loaded into the Emulation as a Service platform to provide browser-based access to the viewer software, and the full set of disk images.

Outcomes – Preservation of 136 GB over 244 discs, configuration of operating environment, initial validation of content through emulation, and testing in EaaS service for user access.