Preserving Collaborative Documents in Contemporary Events

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Slides and transcript available in the collaborative session notes and #idcc19)
Digital Preservation

• Faithful re-enactment – More than just representing preserved targets.
  – Appearance
  – Format
  – Technology
  – Interaction method
Sunflower Movement
March 18, 2014

- Students and activists started to storm into and occupy the main chamber of Taiwan's Legislature.
- The chamber was transformed into a theater of protest for weeks; events were streamed live.
- The movement had been instrumental in delaying the passing of the Cross-Strait Service Trade Agreement (CSSTA 海峽兩岸服務貿易協議) by the ruling party at the Legislature, and in increasing public awareness of various issues in trade negotiations with China.

https://en.wikipedia.org/wiki/Sunflower_Student_Movement
https://zh.wikipedia.org/wiki/太陽花學運
From Physical to Digital

- Sunflower Movement Archive
  - March 18, 2015
  - Digitized physical artifacts

- Next step: Preserving "born-digital" materials
  - Materials that originate in a digital form
  - Data, tools, systems, environments
  - E.g. The online collaborative documents created during the movement
Archiving
Online Collaborative Documents

Hackpad
318.hackpad.com

Hackfoldr
hackfoldr.org/congressoccupied
Hackpad Documents

- Gdocs-like real-time text editing platform
- Supplies lists and verbatim transcripts posted on http://318.hackpad.com
Hackfoldr Documents

- Folder-like online document aggregator
- http://g0v.today integrates important and current information about the movement.
- Replaced by information about a later event. →
  Actually preserved target: http://hackfoldr.org/congressoccupied/
Archiving Online Collaborative Documents

• Non-technical issues: rights
  – Are we free to duplicate and preserve the documents?
  – What about the legal status of the results of preservation?
  – How will the preservation be maintained in the long run?
Archiving Online Collaborative Documents

• Technical issues: provide offline accessibility
  - Environment
    • Install the operating system, web server, applications...
    • Modify some code to ensure offline operations in localhost.
  - Data
    • Import database dump (Hackpad) and data source file (Hackfoldr).
    • Create a dummy account needed by Hackpad.
Tip of the Iceberg

• Still much more to preserve...
  – Other websites the documentation links to
  – Other websites about the event
  – Pictures and videos
The Web and Long-Term Preservation

• What is the idealized preservation model for collaborative documents?
Thank You!

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