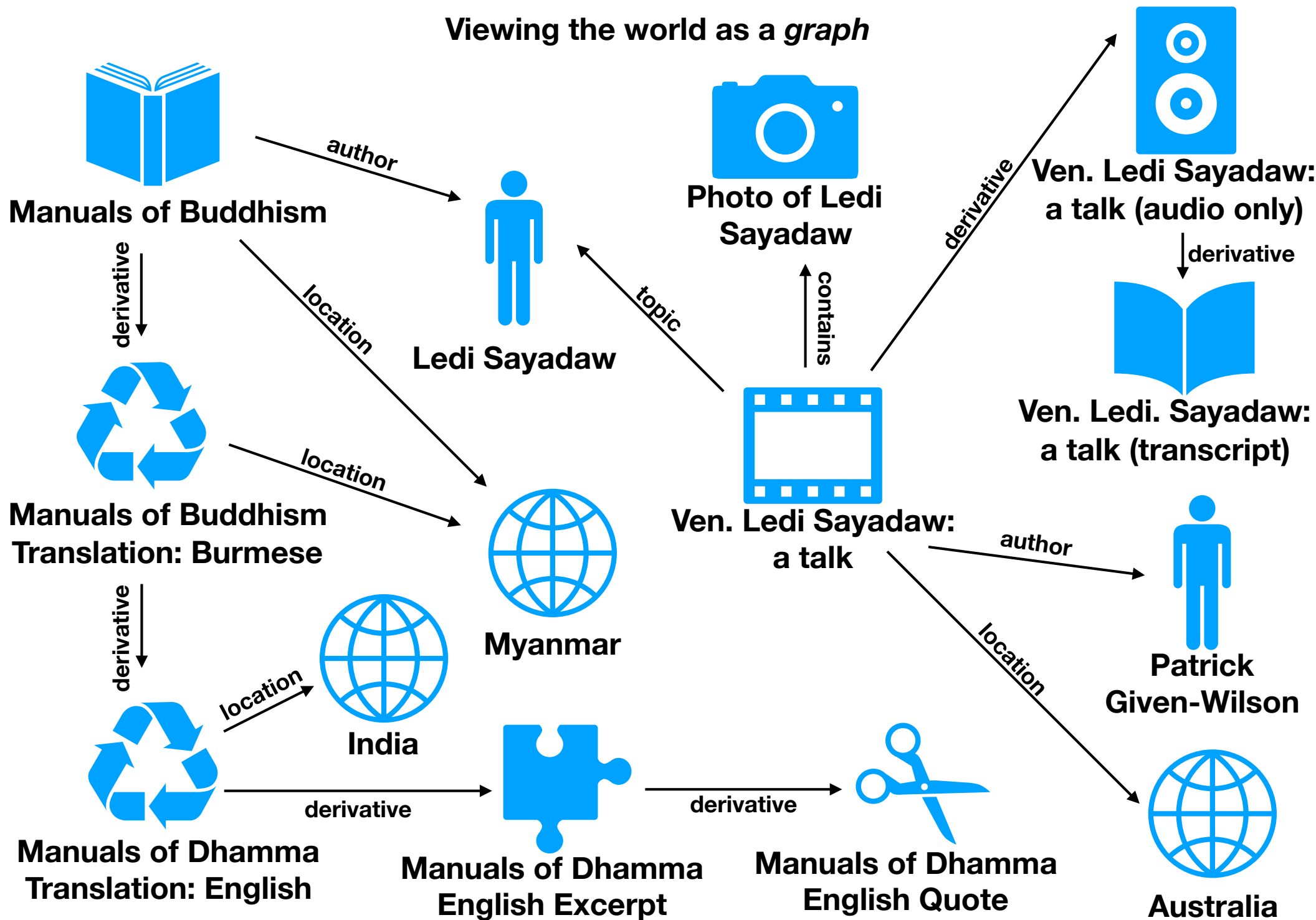


Viewing the world as a *graph*



Graphs

- Pros:
 - Allow Pariyatti librarians and editors to capture all semantics
 - Prevent repetitive data entry for librarians
 - Centralize important data which is not a document: author, location, event, datatype / medium, abstract concept (ex. “anger”), language, synonyms
 - Provide traceability in both directions for derivatives and references (ex. quote => excerpt => source material => origin)
 - Pāli semantics cannot be captured by any other system, currently
 - Graph data will ultimately be the only solution for a massive, digital library... ad hoc data already proves insufficient for scholarly research
 - Documents and graph are inherently linked (in WikiBase), preventing links from breaking even when a document is moved or recategorized
- Cons:
 - Graph data models are not necessarily “obvious” and will require some training for users
 - No SaaS options available for semantic libraries
- Options:
 - Graph: WikiBase or Custom Software (not an option; no developers)
 - Search: Customized ElasticSearch or Google Site Search for non-profits

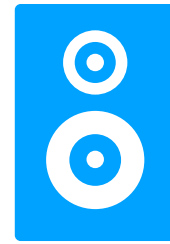
Viewing the world as *unstructured documents*



Manuals of Buddhism
Author: Ledi Sayadaw
Location: Myanmar



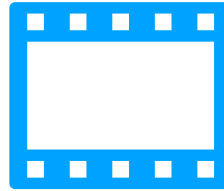
ven-ledi-sayadaw.jpg



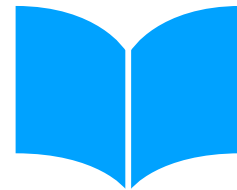
Ven. Ledi Sayadaw:
a talk by Patrick
Given-Wilson (audio only)
Author: Patrick Given-Wilson



Manuals of Buddhism
Translation: Burmese
Location: Myanmar



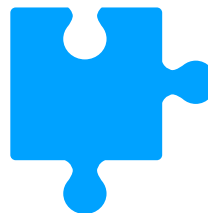
Ven. Ledi Sayadaw:
a talk by
Patrick Given-Wilson
Author: Patrick Given-Wilson



Ven. Ledi. Sayadaw:
a talk by Patrick
Given-Wilson (transcript)



Manuals of Dhamma
Translation: English
Location: India



Manuals of Dhamma
English Excerpt



Manuals of Dhamma
English Quote

Unstructured Documents

- Pros:
 - Semantics are easily understood as key-value pairs (ex. author="Ledi Sayadaw" and data-type="video")
 - Because the tools are easy, they are readily available
- Cons:
 - Librarians and editors will find it difficult to capture all semantics
 - Capturing even basic semantics will become painfully repetitive very quickly
 - No centralization of data; the system will not understand "Ven. Ledi Sayadaw", "L. Sayadaw", and "Ledi Sayadaw" are the same entity and will have difficulty providing meaningful search results with anything other than heuristics (heuristics are how Google currently works, mind you)
 - No understanding of derivatives or machine-readable (read: searchable) references — therefore no traceability
 - No Pāli semantics
 - Document storage will probably be separate from the documentation engine (CMS), which is likely to cause broken links
- Options:
 - Documents: Drupal or WordPress
 - Search: Customized ElasticSearch or Google Custom Search for non-profits