

# Use Cases

## UC1. Publicly Accessible Curator Content

- A. Rich additional content was created for an exhibition; curator adds that information to the Collections Management System [CxMS]; wishes to create public access to an edited version of that content (e.g. educational resources, standing gallery guides) authored by the curator. [Curator sees CxMS as a hub for information]
- B. Curator wishes to create publicly accessible content (e.g. educational resources, standing gallery guides) authored by the curator also including *external* content.

### Ashmolean Labyrinth Exhibition Test Case

UC1.A. and UC1.B. specifically for the Ashmolean Labyrinth Exhibition curated by Andrew Shapland

### UC1 Notes

There is still a special step needed in the Labyrinth Test Case to get the data from a museum plus or other CxMS export to Linked Art (due to the way we are exposing Ashmolean data as Linked Art).

## UC2. External Authors Using Collections Site

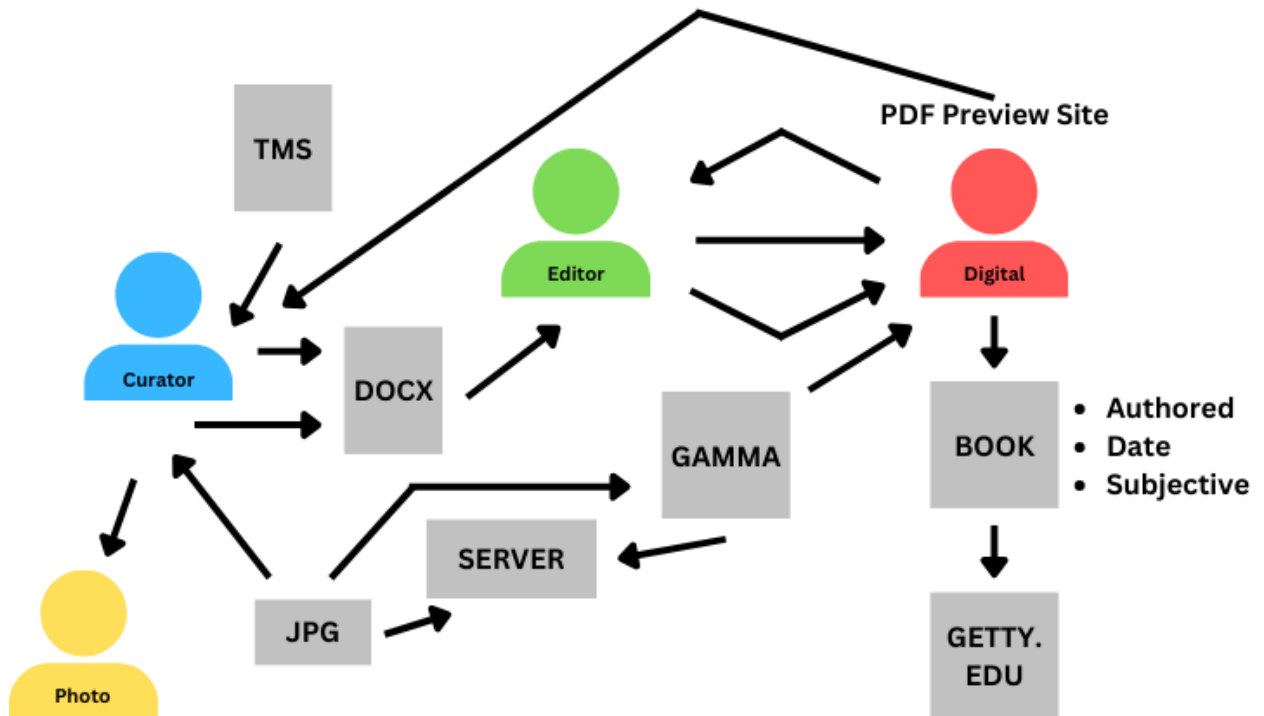
External authors, e.g. educational professionals, charities widening access, creating lesson plans, students writing term paper, etc. after a visit, who only have access to the public online collections site.

### UC2 Notes

Out of scope for EES2: if there is no Linked Art, should there be an alternative extension?

## UC3. Updating Digital Publications

Internal curator-editor-digital-publications team (e.g. in Getty): easily create a new version with current (updated) version (i.e. current Quire workflow but with Linked Art, per Greg's figure below).



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## Other identified functionality

1. Add primary language setting to config
  - The Linked Art in Quire module currently prioritizes English language entries where there may be entries of the same data in multiple languages. It would be possible to allow users to change from the default English setting to one of a list of supported languages. This could be done in a number of ways, one of which would include a `primaryLanguage` field in `config.yaml` where the user can change the default similar to the way they can currently change default field names in `objectFieldNames`.
2. Point Quire project to IIIF images or modify IIIF URI to zoom, and wouldn't need to resize
  - By default, the module simply retrieves the first available full-size image in the IIIF manifest. The `--resize` option allows users to download a smaller version of the images by entering the number of pixels or a percentage to reduce the size of the largest dimension and scale the other dimension proportionally. Alternatively, the module could point the Quire project to IIIF images, but it was pointed out that, while this should be accepted by Quire, it's possible that a bug would prevent this from working the way it should. Another alternative to the current –

resize option would be to allow for the modification of the IIIF URI to zoom in a similar way the current option allows the user to modify the dimensions in the URI.

3. Add functionality to create markdown file templates
    - It was clear that there are several situations where a ‘one off’ transfer of longer form text data from existing sources into Quire markdown files would be valuable, as a starting point for manual editing. The use case for this needs defining and/or refining. E.g. long form exhibition content. (Initially Implementing via YAML, instead, will help inform full work up of this into a use case).
  4. Add functionality for person records
    - Interest in allowing users to retrieve person data was expressed at the workshop. This can be done by introducing functionality very similar to the existing ‘quire add object’. We would need to decide whether the data should be pushed to objects.yaml or a new file ‘persons.yaml’. The main additions would be the inclusion of a person\_display\_order (in objects.yaml or persons.yaml) and personFieldNames section in config.yaml (to allow users to change the default field names similar to the way they can in objectFieldNames).
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## **Resulting Development Tasks**

### **T1. Publicly Accessible Curator Content**

**T1.1** Add support for new linguistic object imports from LinkedArt so they may be pulled into a Quire project. Will need a complete list of these linguistic object fields (exhibition label, ...) and corresponding LUX/Getty vocab concept URIs

### **T1.2. Ashmolean Labyrinth Exhibition Test Case**

**T1.2.1** For Ashmolean Linked Art internal endpoint, expand to include Andrew’s exhibition content notes and publish as Linked Art, respecting access control requirement task T1.2.2.

**T1.2.2** For Ashmolean Linked Art internal endpoint, implement appropriate access control. Potential solutions:

- Intranet, i.e. restricted by IP

- Via github authentication. This may imply client side authentication complexity in the Quire extension beyond that which is sensible (the likelihood of an institution using github for an internal endpoint is small?).

**T2. Updating Digital Publications:** New command ‘quire object update’ which gathers Linked Art URIs in objects.yaml and updates corresponding entries in objects.yaml and figures.yaml with data retrieved from Linked Art records

**T3. User Friendliness:** Handle cases when the user gives the URL of the webpage instead of the Linked Art URI. The module will redirect to the JSON-LD record using the link in the HTTP response described here <https://linked.art/api/1.0/ecosystem/> if the initial response is not JSON-LD

**T4. Testing:** Create test framework for the extension (CI pipeline that keeps it tested), and integration tests (make sure it continues to work with build, pdf, epub commands)

**T.5 YOG Linked Art as ‘add’ option:** Make Linked Art an option or format for the ‘add’ command using the plugin architecture