

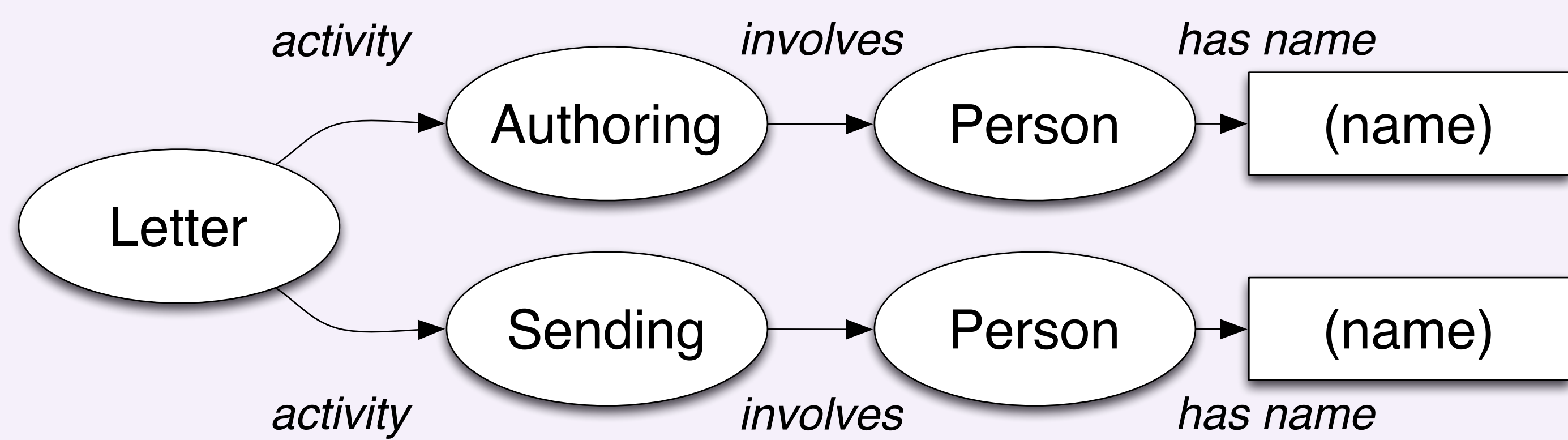
Linked data for Early Modern Letters Online (EMLO) using CIDOC CRM and Annalist

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What is linked data?

RDF: a W3C standard for data on the web

Encodes a graph data model:



Entities are named by web URIs (URLs), which can come from multiple sources

Has defined semantics for merging

Why use linked data?

Flexibility: not limited to tables, hierarchies, etc.

Sharing: publish using a standard web server

Linking: work with existing web tools and data

Self-describing: meanings of names can be discovered by querying the web

Re-use: semantic underpinnings for combining independent data, and inferring new data

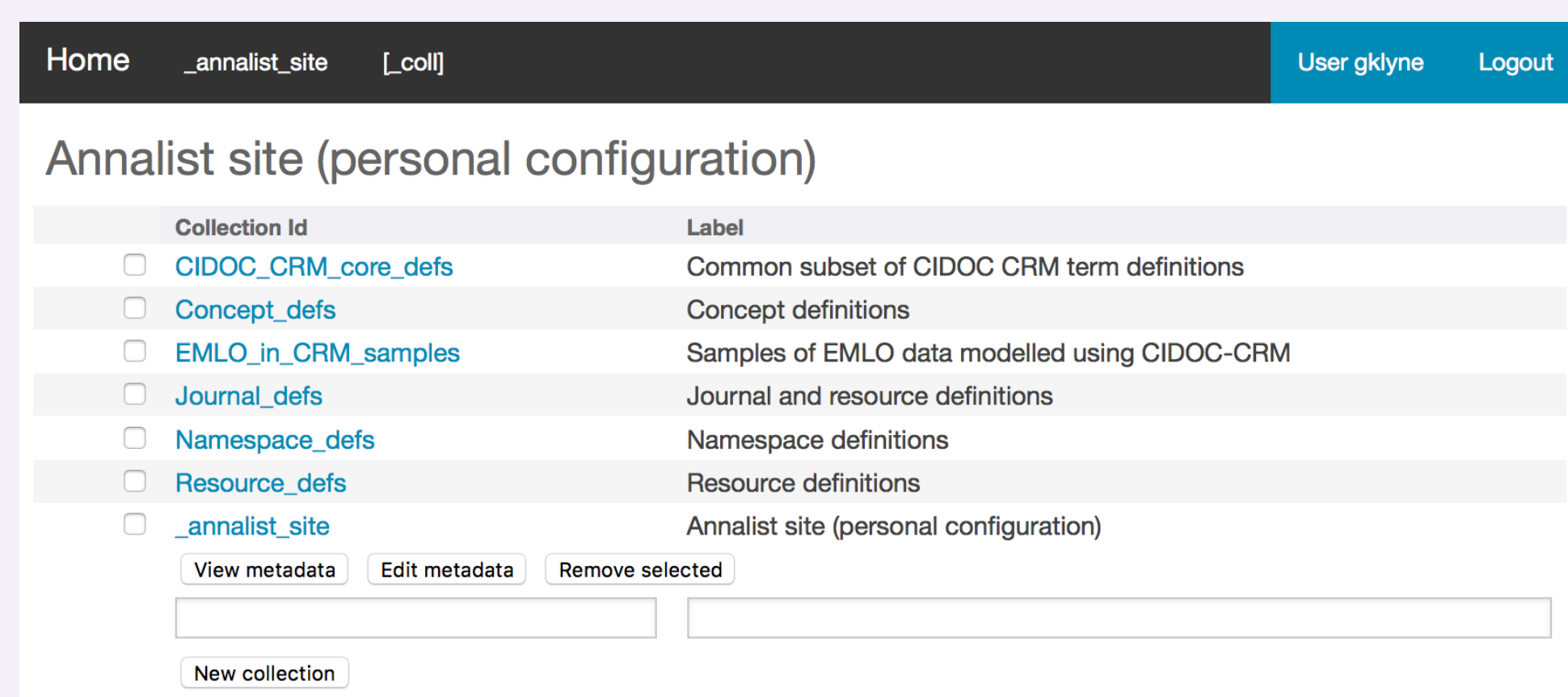
Open-ended: freedom to add new information and semantics

What is Annalist?

A "linked data notebook" for creating and sharing linked data on the web

Data models and presentation are defined through a common browser interface

(a work-in-progress)



More information at: <http://annalist.net/>

Why use Annalist?

Aimed at making it easier for individuals and small teams to create and share linked data

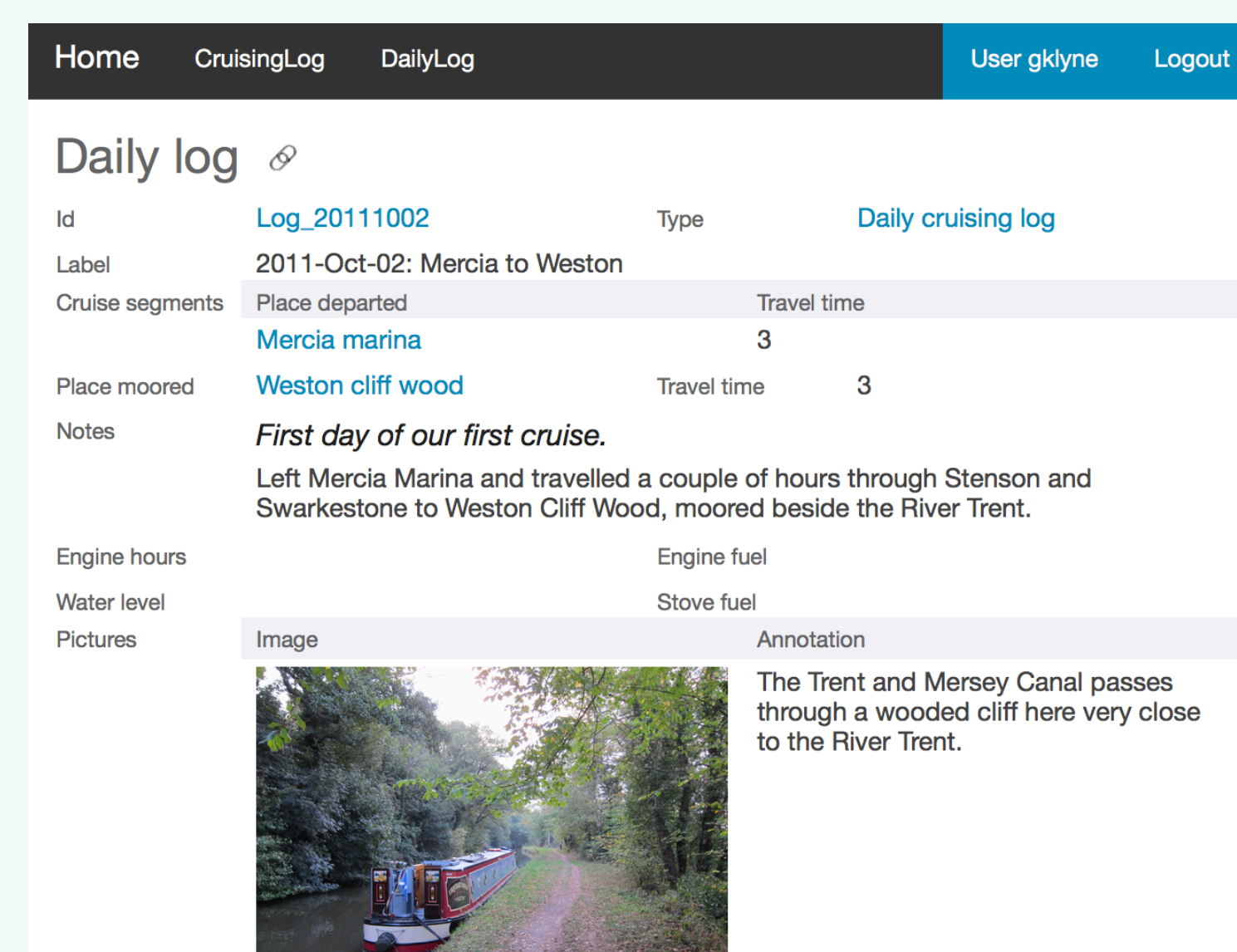
Flexible: add types and properties as needed

Sharing: web-accessible, simple data format

Mix vocabularies

Use and extend existing models and views

No programming needed



What is CIDOC CRM?

International Council of Museums (ICOM)

International Committee for Documentation

Conceptual Reference Model

An ISO standard framework for describing cultural heritage artifacts (and more)

"event" based model captures rich information about artifact provenance

Designed for content of museum databases

A moderately large vocabulary, but with a compact set of core concepts

Doerr, Martin & Iorizzo, Dolores (2008). The Dream of a Global Knowledge Network - A New Approach. J. Comput. Cult. Herit., 1, 5:1-5:23. DOI: 10.1145/1367080.1367085

EMLO using CRM and Annalist

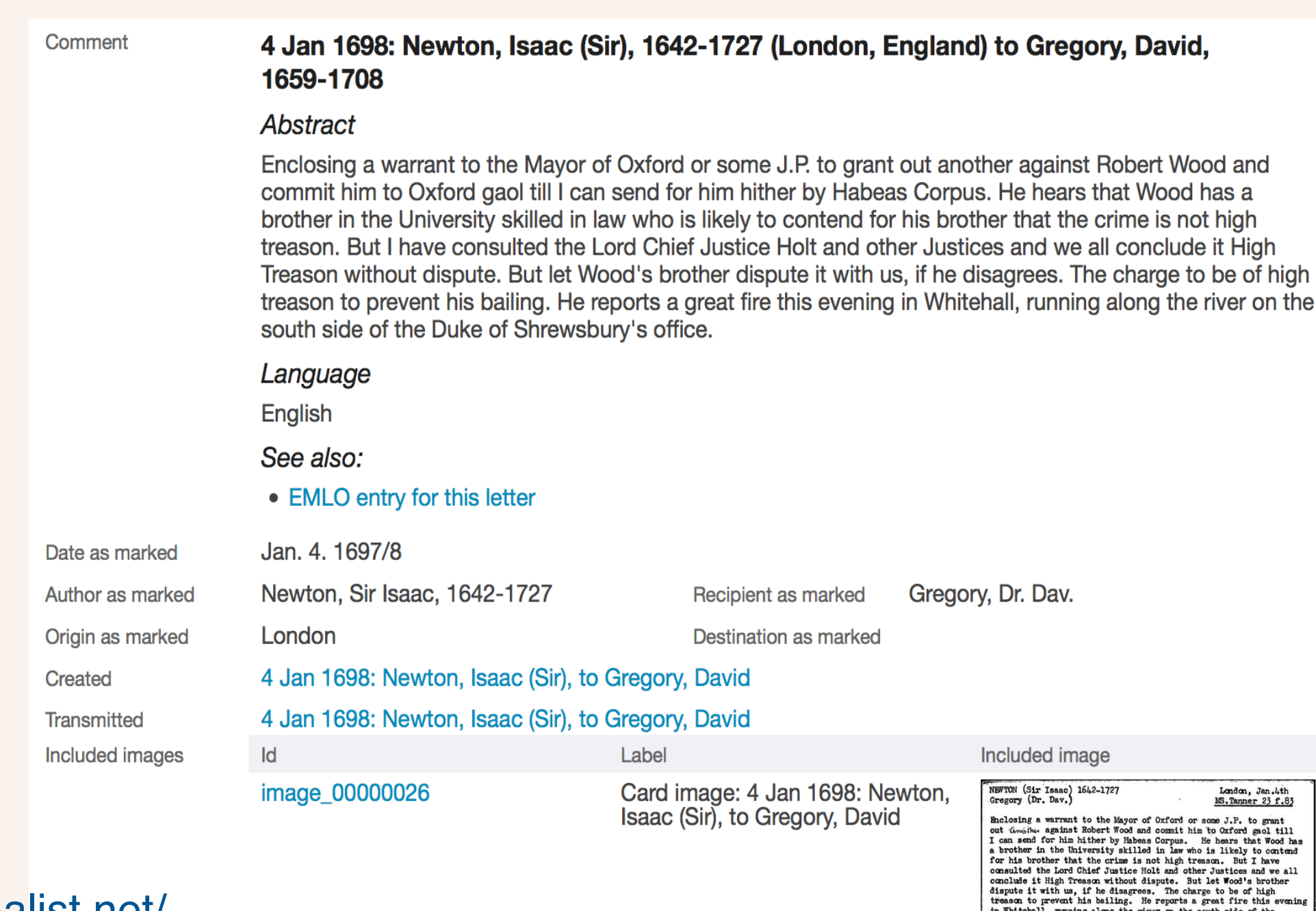
Descriptions of early modern correspondence

Collects information about:

- Letters
- Authors
- Recipients
- Places
- Dates
- Collections
- *etc.*

Example: <http://dhoxss.annalist.net/>
→ EMLO_in_CRM_samples → List letters... → work_35372

EMLO: <http://emlo.bodleian.ox.ac.uk>



Try it out

(you will need an Internet-connected browser and a Google+ account)

1. Browse to <http://dhoxss.annalist.net>, click "Login"
2. Enter a short username and click on the "Google" button; respond to login prompts
3. You should now be able to create a new collection (enter name, description; click "New collection")
4. To inherit EMLO data: select your collection, click "Edit metadata", for "Parent" select "Samples of EMLO data...", then "Save"
5. View your collection, select "Scope all", then "List". Find and click entry "EMLO_in_CRM_Notes". Click "Set default view".

You may safely edit: any changes to the data are saved in your new collection, leaving the original untouched.