



T-PEN

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T-PEN is a web-based tool for working with images of manuscripts. Users attach transcription data (new or uploaded) to the actual lines of the original manuscript in a simple, flexible interface.

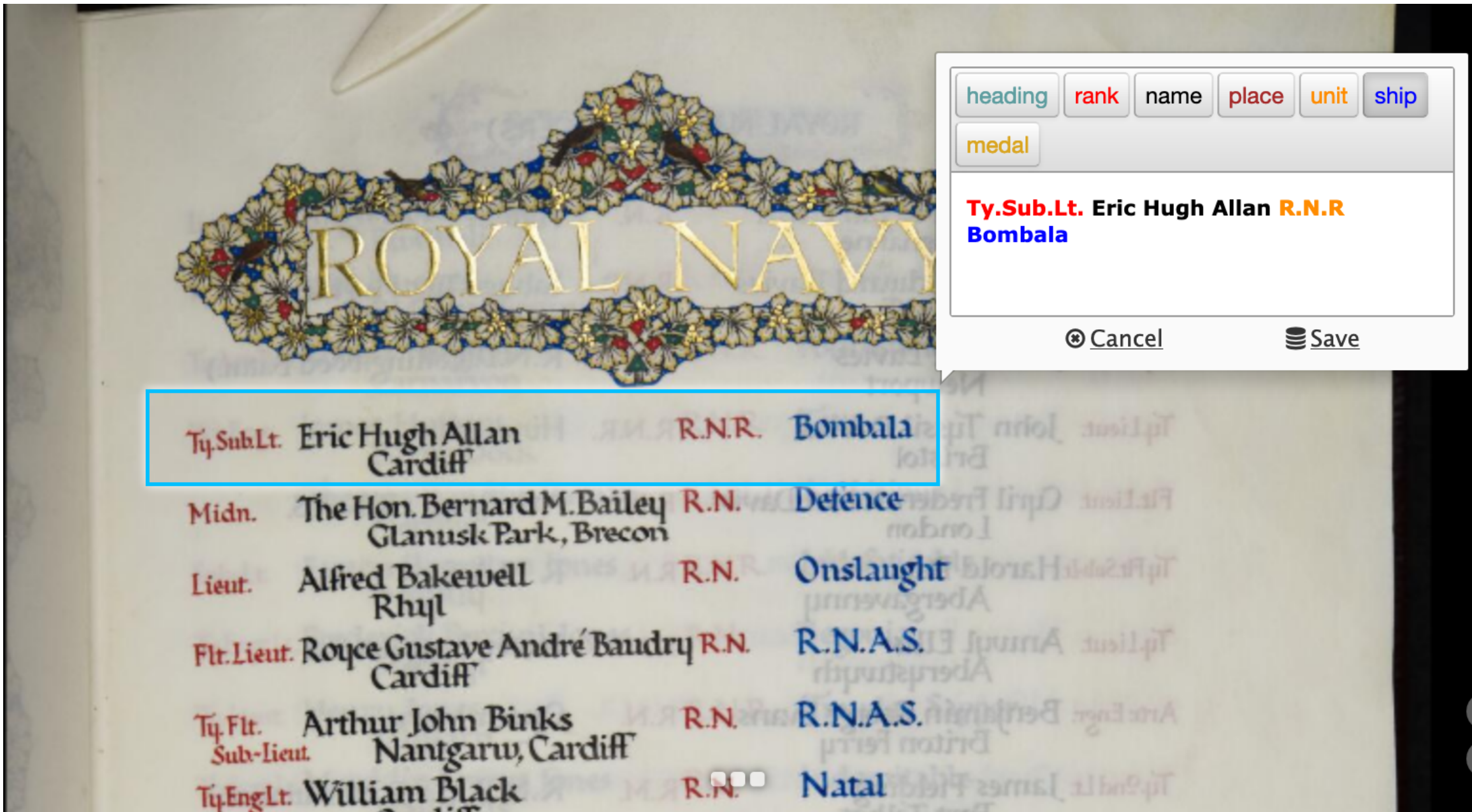
Objective
Missing support for the newer standard of IIIF Presentation API (v3), some things broken in the older v2.1 version

Big Picture Design
The software here is a backend part of a bigger project, a bulk of which are HTTPServlets mapped by a web.xml document Spring and Struts style. The data is stored in a MySQL database. The proper data is queried for by a Servlet or Class then reconfigured as JSON-LD by that class, then sent on in the body of an HttpServletResponse to clients.

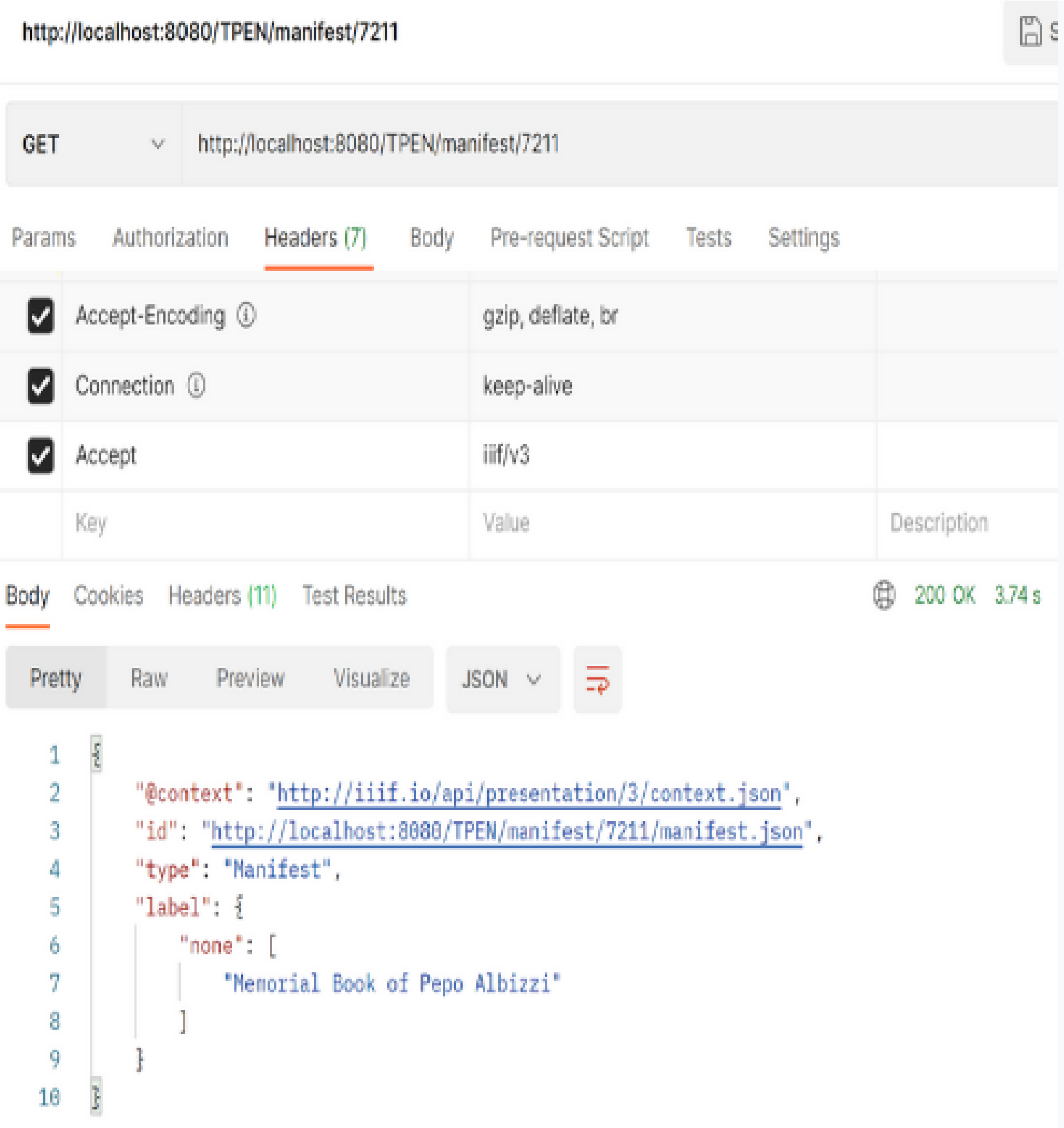
Future Clients
Web developers with outdated presentation versions
Future users of apps that will use TPEN as backend

Achievements

Made helper functions to allow easier future use when setting up language maps for multiple properties
We have been able to resolve the validation to the 2.1 IIIF presentation API
Allow input for both presentation 2 API and presentation 3 API and displaying Folio accordingly
Made a separate manifest to start fitting requirement to the IIIF presentation API version 3 standard
Changed servlet functionality to be able to differentiate between when a client was requesting version 2 or 3 and then was able to deliver that specified manifest
Validate Canvas's folio number input to send 200 for success and 404 for error or invalidate folio number



presentation 3



presentation 2

