Geospatial discovery at the British Library: challenges and opportunities

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Outline

• Content

• Metadata

• User Impact

• User Experience
Print maps

A PLAN of the CITIES of LONDON & WESTMINSTER, THE BOROUGH OF SOUTHWARK and their Suburbs BY WILLIAM FADEN Geogr to the King MDCCCLXXXV
Maps within books
Born-digital maps
Archaeological Survey of India photographs

Lala Deen Dayal, Sanchi stupa from the south-west during repairs, 1881 Albumen print. Photo 1001/1 (1342)
spacetime.nypl.org/surveyor
Save our sounds
Georeferencer
Marc metadata for GIS

github.com/thegsi/LD_bounding_box
Authority files
Balanced value impact model (BVIM)

Stage 1: Set the Context
- Strategic Perspectives
  - Economic / Social / Innovation / Operational
- Value Lenses
  - Utility / Existence / Education / Community / Inheritance
- digital ecosystem
- stakeholder analysis
- situation analysis

Stage 2: Design the Framework
- Objectives
- Assumptions
- Indicators
- Stakeholders
- Data Collection
- Strategy
- Plans
- Time
- Budget
- Roles

Stage 3: Implement Framework
- Evaluate outputs and outcomes = impact results
- Narrate the Impact

Stage 4: Narrate the Outcomes & Results
- Review results
- Respond with revisions to strategy & framework

Stage 5: Review & Respond
BVIM strategic perspectives

• Social and Audience Impacts

• Economic Impacts

• Innovation Impacts

• Operational Impacts
BVIM value lenses

• Utility Value

• Existence and/or Prestige Value

• Education Value

• Community Value

• Inheritance / Legacy Value
Discovery user story

As a reader I want to gain an overview of the collection in order to discover something that interests me
Research user story

As a researcher I want to determine if the collection contains relevant items in order to answer my question
Panacea, Florida
Map and time slider

```javascript
timeDimensionOptions: {
  timeInterval: "2014-09-30/2014-10-30",
  period: "PT1H"
},
```

apps.socib.es/Leaflet.TimeDimension/examples/example15.html

community.esri.com/servlet/JiveServlet/showImage/38-58773-401051/origMap.jpg
Temporal visualisation

peripleo.pelagios.org

byzantinejewry.net

kgeographer.com/wp-content/uploads/2017/06/figure3-768x141.png
Single Responsibility Principle

Sorry, spork...


Lara Schenck @lara126
GeoJSON/T

```json
{
  "type": "FeatureCollection",
  "features": [
    {
      "type": "Feature",
      "id": "",
      "properties": {},
      "geometry": {},
      "when": {}
    }
  ]
}
```

kgeographer.com/a-case-for-geojson-t
BL georeferenced maps