GE: A flexible presentation platform for LR

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Presenting Linguistic Resources
Geographical presentation
GIS platform: Google Earth (why GE?)
The MPI Google Earth overlay
(how to use it, how to create it, “future” options)

Demo
Presenting Linguistic Resources

Search metadata fields:
PARADISEC:

You need knowledge on the content!

Search by links on website:
LACITO:

Ok: for small collections
Search metadata plus visual representation:

MPI/DoBeS archive

Still: some knowledge required, but user interface is more intuitive

All these presentation methods: aimed at content, professional users!
Geographic presentation

Geographical search:

OK, but for now this is limited to individual organisations, each one using its own application.
**Benefits:**

Overlay over the content

Aimed at general public, convenient and intuitive

PR – can attract new depositors/users

Integrate different research disciplines and draw new correlations between them (e.g. ethnographic & linguistic)

Integration of different language archives in a unified manner
LR collection

Google Earth: Collection of LR in one application

- MPI language archive
- LACITO
- DoBeS
- PARADISEC
- AILLA
- etc.
LR collection
LR collection
Yéli Drye

Yéli Drye (also known as Rossel, Yela, Yele, Ye-le-jong, Yeletnye) is a Papuan language spoken on Rossel Island, Louisiade Archipelago, Papua New Guinea. Although surrounded by Austronesian languages, Yéli Drye shows little evidence of influence by them, making this language an isolate. Yéli Drye is known as the language with the world's most complex phonemic inventory. Project leader is Stephen Levinson.

browsable corpus link
LEXUS example
For this demonstration of Lexus use "demo" as username and "demo" as password.
ANNEX example 1, ANNEX example 2, ANNEX example 3
Pioneers of Island Melanesia webpage

Village on Rossel Island
LEXUS and ANNEX examples

Directions: To here - From here
link to IMDI web browser:
Link to ANNEX examples:
To be integrated: fieldwork paths
Why Google Earth

It’s XML:

```
<Placemark>
  <name>Venezuela</name>
  <description><![CDATA[
  <br />
  <br />
  Corpus containing data on the Uruak, Yanomamã, Mapoyo, Makiritari, Panare, Sanumã, Karina, Warao and Yawarana languages of Venezuela. Resources include articles, songs, narratives, and wordlists (and other genres).<br />
  <a href="http://corpus1.mpi.nl/ds/imdi_browser?rootnode=MPI312876%23">browsable corpus link (partially converted to IMDI framework)</a><br />
  <br />
  <a href="http://www.ailla.utexas.org/search/view_resource.html?country_id=5&name=Venezuela">AILLA archive</a>]]>
  </description>
  <LookAt>
    <longitude>-66.64963797841051</longitude>
    <latitude>6.439514949938382</latitude>
    <range>2000000</range>
    <tilt>35.00000000000152</tilt>
    <heading>-6.785927243998965e-014</heading>
  </LookAt>
  <styleUrl>#khStyle1002</styleUrl>
  <Point>
    <coordinates>-66.62484052032704,6.605781049085067,0</coordinates>
  </Point>
</Placemark>
```
Why Google Earth

- It’s XML: other applications, data harvesting
- Freeware, runs under Windows, OS X, Linux
- Large player in GIS presentation platforms
- Fast streaming of data
- Well known to the general public, easy to use
- Lively community, help forum, many plugins
- Regular update of maps, covers the whole globe
- Stand alone application (faster than Java)
- Easy conversion to GoogleMaps
“Future” options

Technical:
1. Image overlay – static or dynamic
e.g. marking of dialect areas, migration (language) population
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   e.g. marking of dialect areas, migration (language) population

2. From metadata to Google earth overlay requires coordinates in the metadata descriptions

3. Incorporation of more Language Resources

(you can send us your details! And we will include these in the overlay)
More information:

www.mpi.nl/services/mpi-archive/GE_language_sites