

the Web is our VRE

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cool URIs

- <http://www.w3.org/Provider/Style/URI>
- URI = uniform resource identifier
- use to identify both content online (information resources) and real-world objects and concepts of interest no online (so-called non-information resources)

cool URIs

- mask mechanisms: /cgi-bin/foo.asp?id=x
- don't pass attributes: /~harriet/latest/
- avoid signaling file types: foo.rdf
- short, sensible, not repetitive
- cool URIs don't change
- how: apache rewrite rules and content negotiation

some bullets adapted from: Tim Berners-Lee, "Semantic Web URIs," Lecture to the MIT Decentralized Information Group, 2007 [http://dig.csail.mit.edu/2007/Talks/0108-swuri-tbl/#\(9\)](http://dig.csail.mit.edu/2007/Talks/0108-swuri-tbl/#(9))

cool URIs @ ISAW

- a journey, not (yet) a destination
- Pleiades (geography)
 - <http://pleiades.stoa.org/places/638753/>
- Papyri.info (papyrology)
 - now:
 - http://papyri.info/idp_static/current/data/aggregated/html/chla/chla.12/chla.12.521.html
 - soon:
 - <http://papyri.info/chla/12/521/>

formats

- Multiple formats for user/interop needs
 - example: pleiades
- Well-known formats as summaries/indexes for “full” data
- Atom as uniform finding aid
- RDF for the semantic web
- RESTful interfaces, no custom protocols

credits

- ISAW digital projects team:
 - Hugh Cayless (papyri.info; epidoc)
 - Sean Gillies (pleiades.stoa.org; atom strategy)
 - Sebastian Heath (digital publications; semantic web)
 - Christopher Warner (digital publications; semantic web)
- Collaborating Institutions
 - Alexandria Archive Institute
 - Columbia University (Advanced Papyrological Information System - outgoing technology host)
 - Duke University (Duke Databank of Documentary Papyri)
 - Heidelberg University (Heidelberger Gesamtverzeichnis der griechischen Papyrusurkunden Ägyptens; Epigraphische Datenbank Heidelberg)
 - Kings College, London (Department of Byzantine and Modern Greek†; Centre for Computing in the Humanities)
 - University of Kentucky (Stoa Consortium for Electronic Publication in the Humanities; Center for Visualization and Virtual Environments)
 - University of Leuven (Trismegistos)
 - University of North Carolina at Chapel Hill (Ancient World Mapping Center)
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