

DOI Outreach Meeting

November 2014

Larry Lannom

Corporation for National Research Initiatives

<http://www.cnri.reston.va.us>

<http://www.handle.net>


Referential Evolution

“Simple” Hyperlink

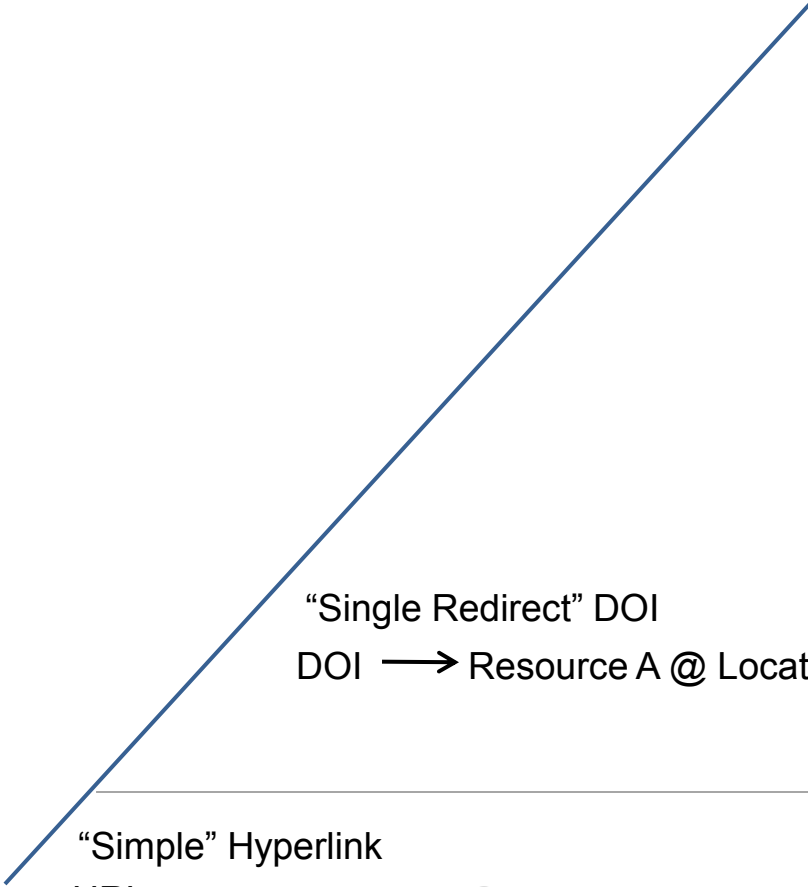
URL → Resource A @ Location 1

Referential Evolution


“Simple” Hyperlink

URL  Resource A @ Location 1
Resource A @ Location 2

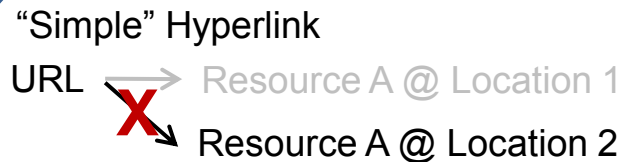
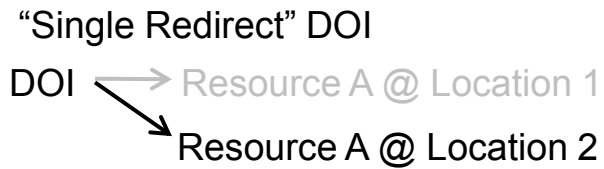
Referential Evolution



“Single Redirect” DOI
DOI → Resource A @ Location 1

“Simple” Hyperlink
URL  Resource A @ Location 1
Resource A @ Location 2

Referential Evolution



DOI Types

DOI Record for 10.5236/DEMO_MR_SCEANARIO_2_GDL

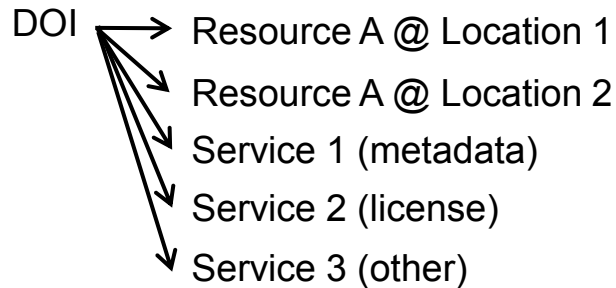
Type	Value
URL	http://www.giornaledellalibreria.it/VIS/Pubbliche/VIS_Articolo_Consultabile.aspx?IDUNI=4guakkticbak23fd211corqp9484&MDId=5674&Skeda=MODIF301-1582-2014.8.29
HS_ADMIN	{"handle":"0.NA/10.5236","index":200,"permissions","011111110010"}
10320/LOC	<locations><location href="http://www.giornaledellalibreria.it" weight="1"><location href="https://creativecommons.org/licenses/by-nc/3.0/" type="metadata.rights" weight="0"><location href="http://www.copyright.com/cc/openurl.do?&issn=9781908973641&WT.mc.id" type="content.rights" weight="0"><location href="http://www.giornaledellalibreria.it/Portals/_default/Skede/Allegati/Skeda301-1582-2014.8.29/13_Le%20mode%20in%20cucina.pdf?IDUNI=4guakkticbak23fd211corqp4267" type="content.retrieve" weight="0"></locations>
10.5555.type/conformance	10.5555.type/doi.all, 10.5555.type/doi.metadata.bibliographic, 10.5555.type/doi.content.retrieve, 10.5555.type/doi.content.rights

Referential Evolution

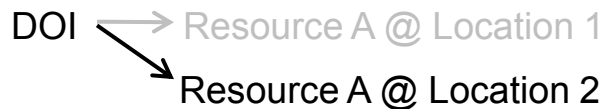
GOAL: “Zero Knowledge” client consults Type Registry for information on types and then knows what to do.

For these to work the client has to be programmed to know what to do.

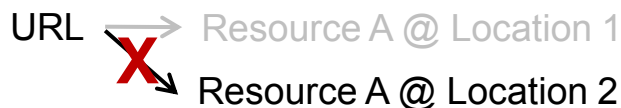
Multiple-Resolution DOI



“Single Redirect” DOI



“Simple” Hyperlink



DOI Types

DOI Record for 10.5236/DEMO_MR_SCEANARIO_2_GDL

Type	Value
URL	http://www.giornaledellalibreria.it/VIS/Pubbliche/VIS_Articolo_Consultabile.aspx?IDUNI=4guakkticbak23fd211corqp9484&MDId=5674&Skeda=MODIF301-1582-2014.8.29
HS_ADMIN	{“handle”:"0.NA/10.5236”,“index”:200,“permissions”,“011111110010”}
10320/LOC	<locations><location href="http://www.giornaledellalibreria.it" weight="1"><location href="https://creativecommons.org/licenses/by-nc/3.0/" type="metadata.rights" weight="0"><location href="http://www.copyright.com/cc/openurl.do?&issn=9781908973641&WT.mc.id" type="content.rights" weight="0"><location href="http://www.giornaledellalibreria.it/Portals/_default/Skede/Allegati/Skeda301-1582-2014.8.29/13_Le%20mode%20in%20cucina.pdf?IDUNI=4guakkticbak23fd211corqp4267" type="content.retrieve" weight="0"></locations>
10.5555.type/conformance	10.5555.type/doi.all, 10.5555.type/doi.metadata.bibliographic, 10.5555.type/doi.content.retrieve, 10.5555.type/doi.content.rights

<http://38.100.130.12/DOIProxyHelper/index.html>