

llsd + ogp in 5 minutes

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from whence comes ogp?

- second life architecture working group
 - linden lab, ibm, open sim community, individual contributors

is sl using ogp now?

no!

what does ogp do?

- sets up service relationships between protocol endpoints (aka “ss7 for virtual worlds”)
- reuses existing protocols where appropriate
 - http for object download
 - sip / rtp (?) for voice support

hubbub about http

- ogp is defined as rest-like resource accesses via http
- it could be done over xmpp (or iiop, or ???)
- the virtual world seems to have both event and request / response semantics

hubbub about lsd

- lsd is the abstract dynamic type system used by ogp to define interfaces
- lsd is not xml
- lsd represents scalars like booleans and integers as well as collections like maps and arrays
- lsd is serialized into xml, json or custom binary format

what does IIsd buy you?

- used correctly, it makes version skew between systems tolerable
- you get to define higher level protocol with semantics not tied to any one implementation
- you get to define your xml and json interfaces with the same interface document