**GLD Glossary Additions – Mike Pendleton**

**class** - A concept in a domain of interest. A class describes the common attributes and behaviours shared by entities belonging to the same group by virtue of their common characteristics.  **www.openlinksw.com/dataspace/dav/wiki/Main/VirtDeployingLinkedDataGuide\_Glossary**

**data source** - A source of data (e.g. a place that provides access to property values associated with one or more Entities).  **www.openlinksw.com/dataspace/dav/wiki/Main/VirtDeployingLinkedDataGuide\_Glossary**

**data space** - A moniker for Web-accessible atomic containers that manage and expose data, information, services, processes, and knowledge. Data Spaces are fundamentally problem-domain-specific database applications with the benefit of being data model and query language agnostic. **www.openlinksw.com/dataspace/dav/wiki/Main/VirtDeployingLinkedDataGuide\_Glossary**

**dereferencing** - The act of accessing and retrieving data, in desired representation, from a location identified by URL. **www.openlinksw.com/dataspace/dav/wiki/Main/VirtDeployingLinkedDataGuide\_Glossary**

**information resource** - An encapsulation of data and representation that forms the basic payload unit (packet) on the Web Information Bus. **www.openlinksw.com/dataspace/dav/wiki/Main/VirtDeployingLinkedDataGuide\_Glossary**

**IRI (Internationalized Resource Identifier)** - An internationalized version of a Uniform Resource Identifier (URI). While URIs are limited to a subset of the ASCII character set, IRIs may contain any Unicode character. [**www.openlinksw.com/dataspace/dav/wiki/Main/VirtDeployingLinkedDataGuide\_Glossary**](http://www.openlinksw.com/dataspace/dav/wiki/Main/VirtDeployingLinkedDataGuide_Glossary)

**Machine-readable data –** Data or metadata which is in a format that can be understood by a computer. There are two types; human-readable data that is marked up so that it can also be read by machines (examples: microformats, RDFa) or data file formats intended principally for machines (RDF, XML, JSON). **www.wikipedia.org**

**Mint -** The process to assign a unique global identifier (that is, a URI, in the linked data context a HTTP URI) to a thing. **http://linkeddata.org/glossary**

**Open Data: Open data -**  is the idea that certain [data](http://en.wikipedia.org/wiki/Data) should be freely available to everyone to use and republish as they wish, without restrictions from [copyright](http://en.wikipedia.org/wiki/Copyright), [patents](http://en.wikipedia.org/wiki/Patent) or other mechanisms of control. **www.wikipedia.org**

**non-information resource** - Any resource that is not an information resource (i.e., not Web transportable in basic form). Structured data resource (see below) is a more accurate and preferable term. **www.openlinksw.com/dataspace/dav/wiki/Main/VirtDeployingLinkedDataGuide\_Glossary**

**Persistent URL –** an address on the World Wide Web that causes a redirection to another Web Resource.

**self-describing data –** information about the encodings used for each representation is provided explicitly within the representation.

**structured data resource** - A Web accessible container of structured data representing physical and abstract entities. **www.openlinksw.com/dataspace/dav/wiki/Main/VirtDeployingLinkedDataGuide\_Glossary**

**structured data** - Data organized into semantic chunks or entities, with similar entities grouped together in relations or classes, and presented in a patterned manner.

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