CineGrid Description Language

CineGrid is an initiative to facilitate the exchange, storage and display of high-quality digital media.

The CineGrid Description Language (CDL) describes CineGrid resources. Streaming, display and storage components are organized in a hierarchical way. CDL has bindings to the NDL ontology that enables descriptions of network components and their interconnections. With CDL we can reason on the CineGrid infrastructure and its services.

**UML representation of CDL**

**CDL links to NDL using the owl:SameAs property. CDL defines the services, NDL the network interfaces and links. The combination of the two ontologies identifies the host pairs that support matching services via existing network connections.**