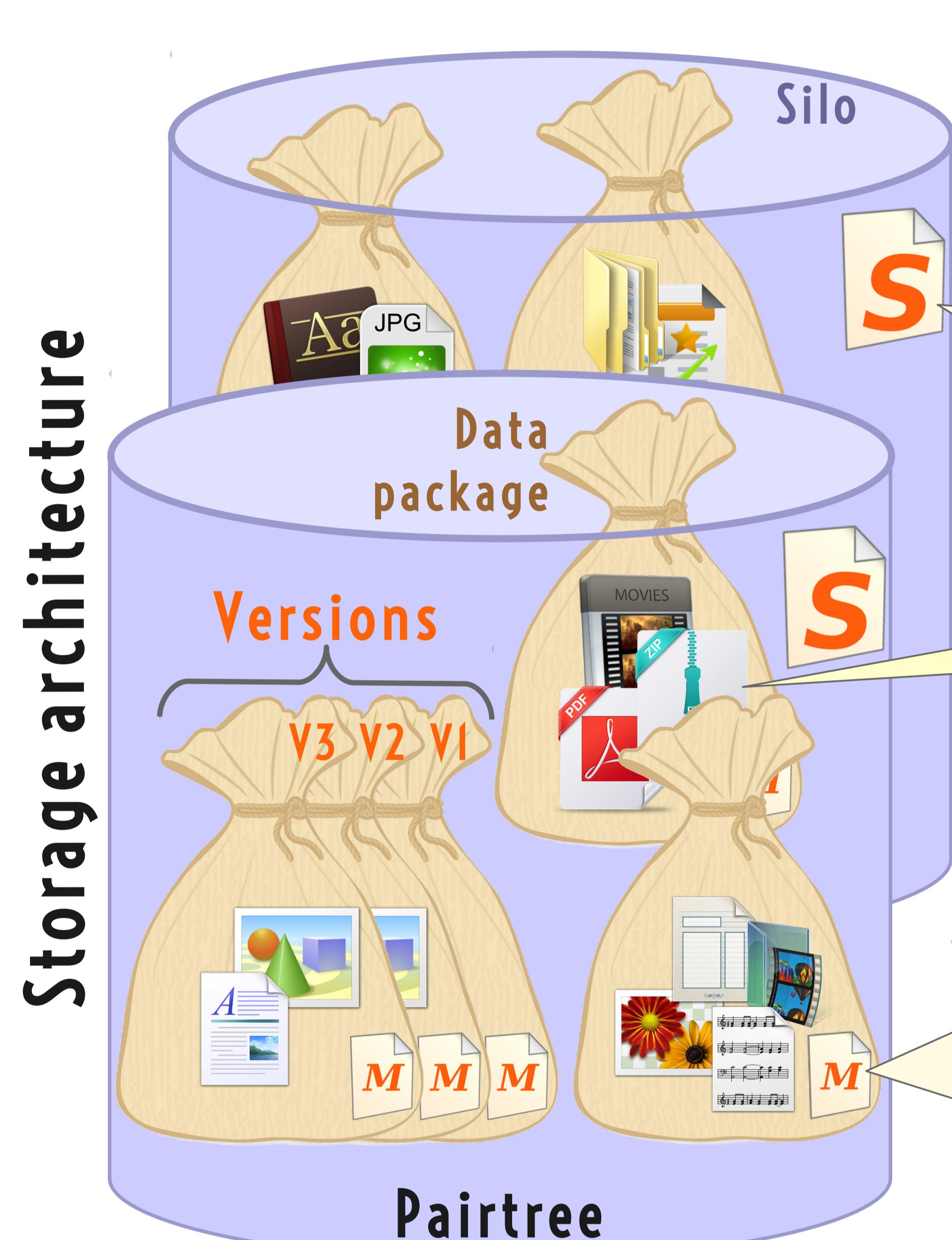


Databank - An archive for digital objects



HTTP



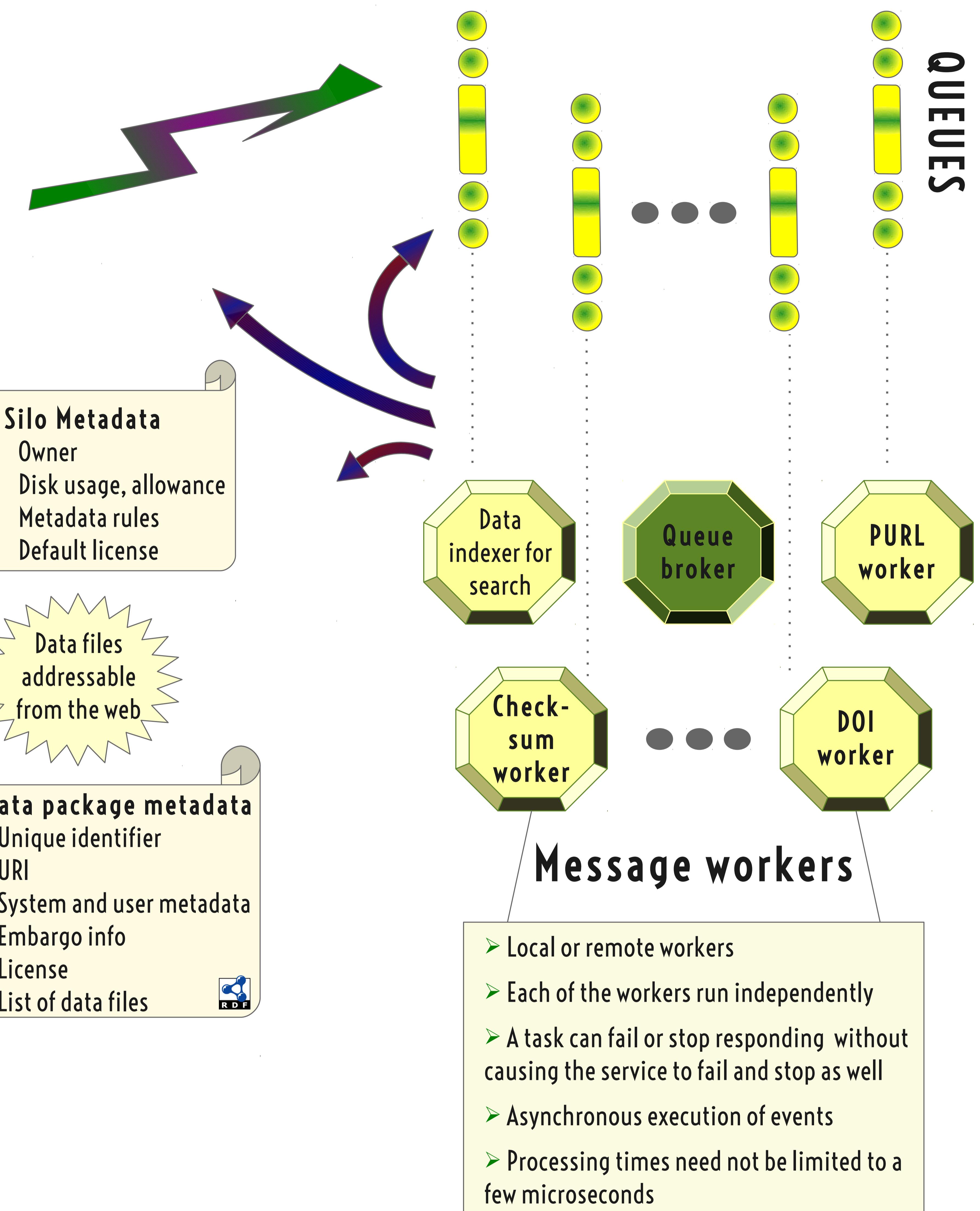
Unix file system



Presented here is the architecture of an RDF-aware, SWORD v2 compliant data repository built using a loosely-coupled services architecture which allows for easy fragmentation and sharding of its components in a multi-server or multi-VM environment.

The user interacts with Databank using the RESTful Web interface, which is built as a layer over the storage architecture. Along with the CRUD operations, the interface also incorporates data embargoes and basic user access rules.

Queue manager



Process manager

The message queue system allows for additional services to be coupled to the repository. The queue manager along with a process manager and a broker, manage the queues, the workers and assigns and distributes jobs to queues.



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