

Archivematica



Technical Architecture

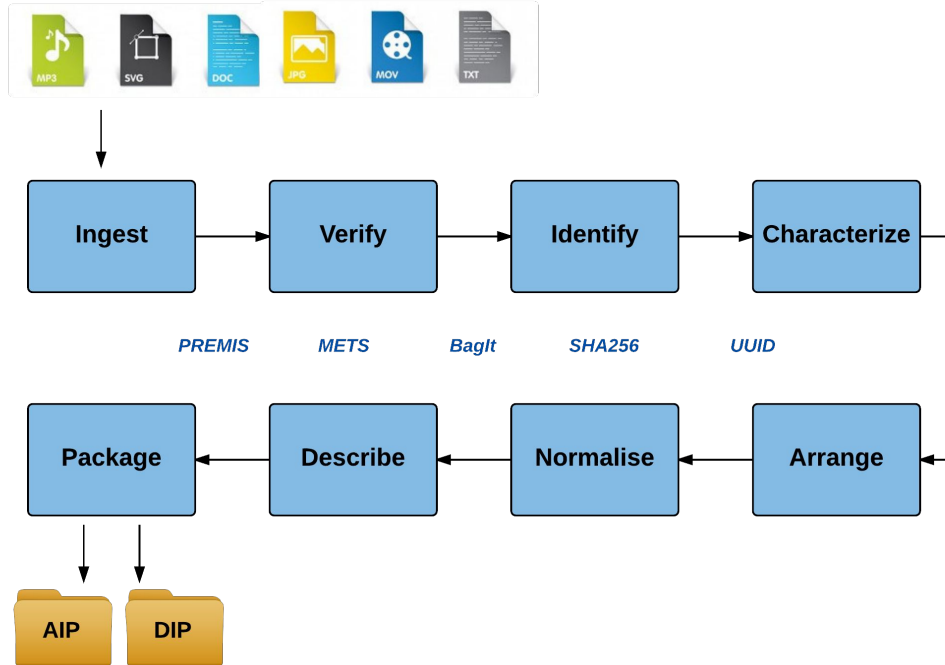
Agenda

Overview by functional component

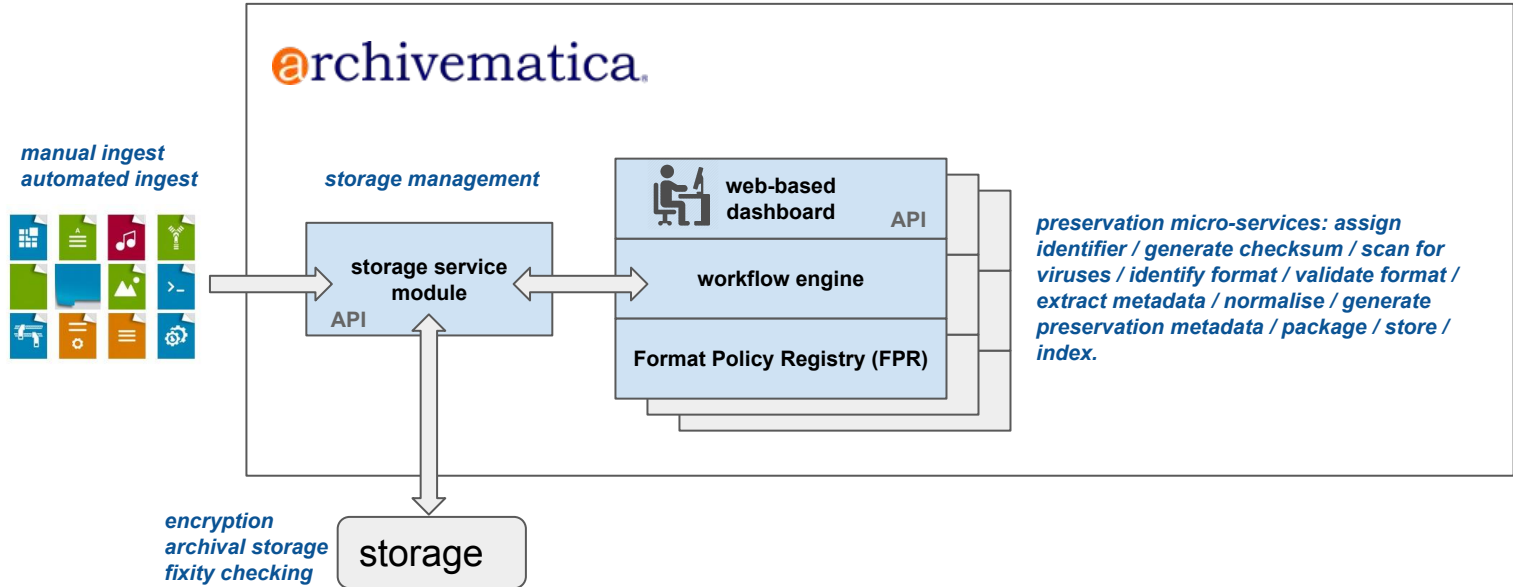
Technologies used

External components and tools

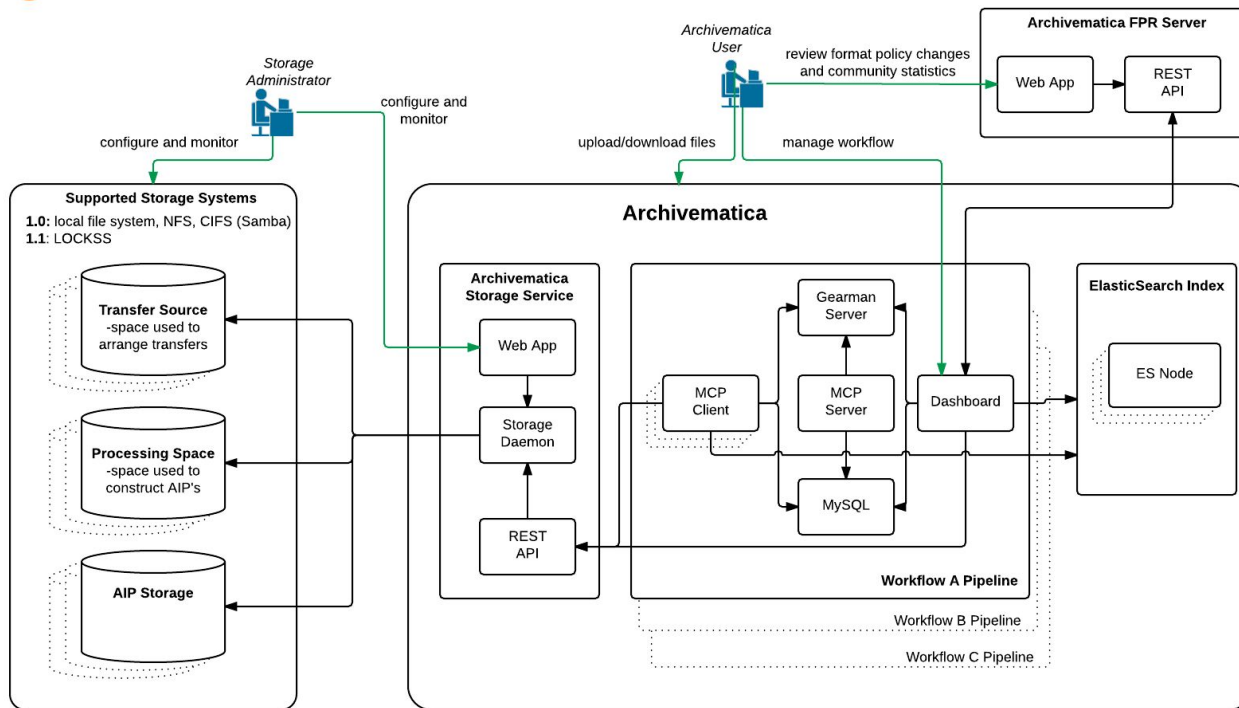
What is Archivematica?



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Functional Components

Archivematica (one pipeline)

mcp server

mcp client

Dashboard

Required services (may be running on remote hosts)

Database

job scheduler

search index

Archivematica Storage Service

Technologies

Python - programming language

Gearman - job scheduler

mysql - rdbms

Elasticsearch - search index

Django - web application framework

Nginx and Apache - web server

mod_wsgi (apache), uwsgi or gunicorn (nginx) - wsgi server

git and github - version control system

ansible - deployment and configuration management

Other Tools

Production tools

Automation Tools

Fixity

Deployment tools

Deploy-pub

Ansible roles

DevOps Tools

Rpccli

Ops-tools

Dev-tools