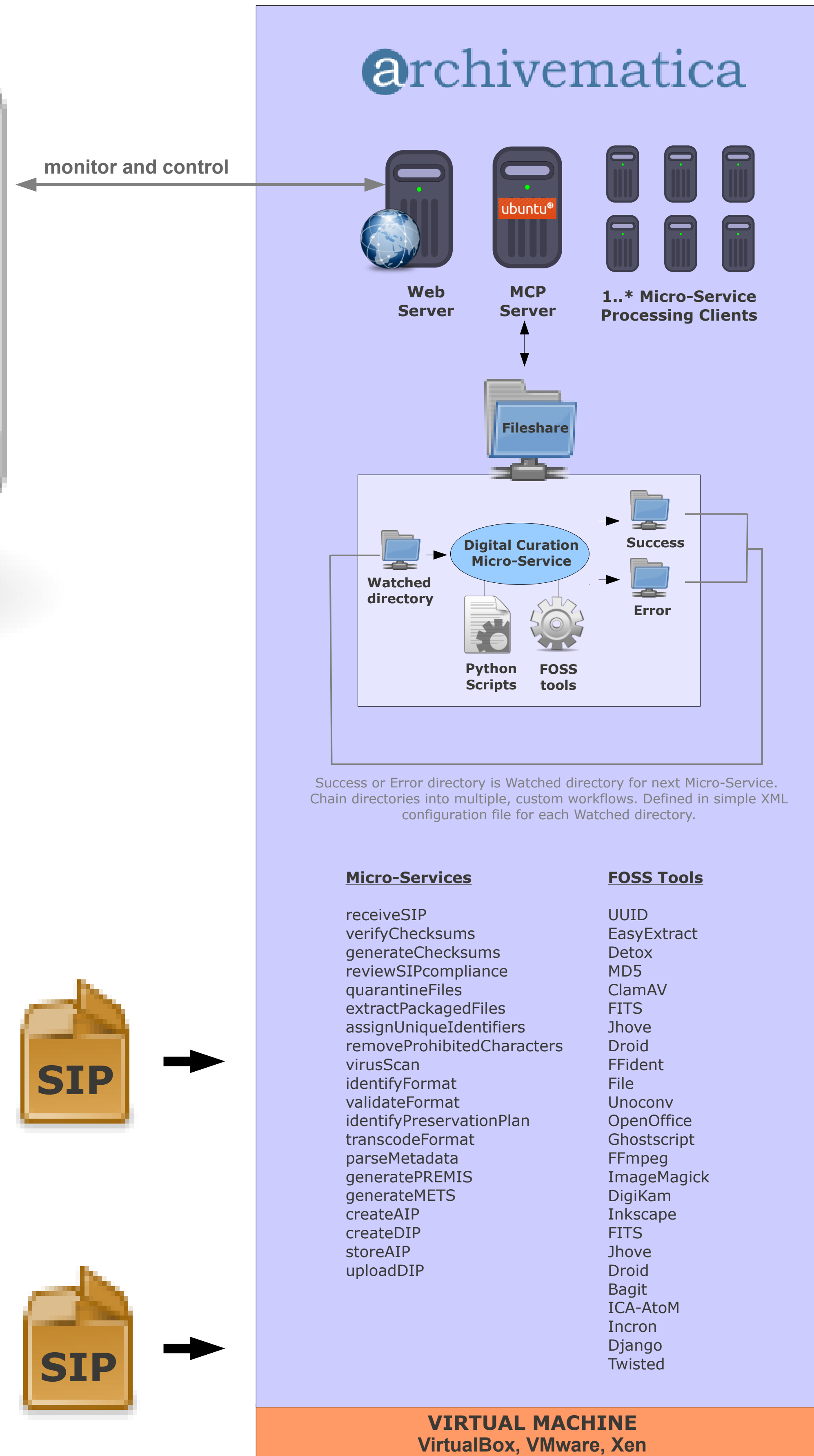


# ARCHIVEMATICA

## Using Micro-Services and Open-Source Tools to Create a Comprehensive Digital Curation System



MANAGEMENT Web Dashboard



- Top Ten Things to Know About Archivematica**
- 1) Archivematica provides an integrated suite of **free and open-source** tools that allows users to process digital objects from **ingest to access** in compliance with the **ISO-OAIS** functional model.
  - 2) Archivematica implements a **micro-service pipeline** design pattern. Micro-services can be distributed to processing clusters for highly scalable configurations. Multiple, custom workflows can be defined to implement only those digital curation micro-services that are appropriate for an organization's context and requirements. Archivematica provides the framework to implement new micro-services and tools.
  - 3) Archivematica implements **file format normalization** using published and configurable preservation plans. These are based on an analysis of the significant characteristics of specific media types. Originals are also preserved to allow for migration and emulation.
  - 4) Archivematica uses **METS, PREMIS, and Bagit** to create repository-independent Archival Information Packages.
  - 5) Archivematica is bundled with ICA-Atom but is designed to upload Dissemination Information Packages, containing descriptive metadata and web-ready access copies, to any access system (e.g. Dspace, ContentDM, etc.).
  - 6) Archivematica is provided as a **virtual machine** that can be run on production servers, desktops or even USB thumbdrives. Archivematica modules and all bundled FOSS tools are also available as Debian packages from the Archivematica PPA **Ubuntu** repository.
  - 7) Archivematica is provided free of charge under the **GPL v2** license.
  - 8) Archivematica **roadmap**: 0.6-alpha (May 2010), 0.6.2-alpha (Nov 2010), 0.7-alpha (Feb 2011), 0.8-beta (Fall 2011)
  - 9) Archivematica development is led by Artefactual Systems, a Vancouver-based service provider specializing in open-source solutions for memory institutions. Artefactual provides optional installation, integration, development, technical support and hosting services.
  - 10) Seed funding was provided by UNESCO Memory of the World. Continued development is funded by Artefactual Systems in collaboration with a growing community of implementers including City of Vancouver Archives, International Monetary Fund Archives, Rockefeller Archive Center, University of British Columbia Library, **your organization?**
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