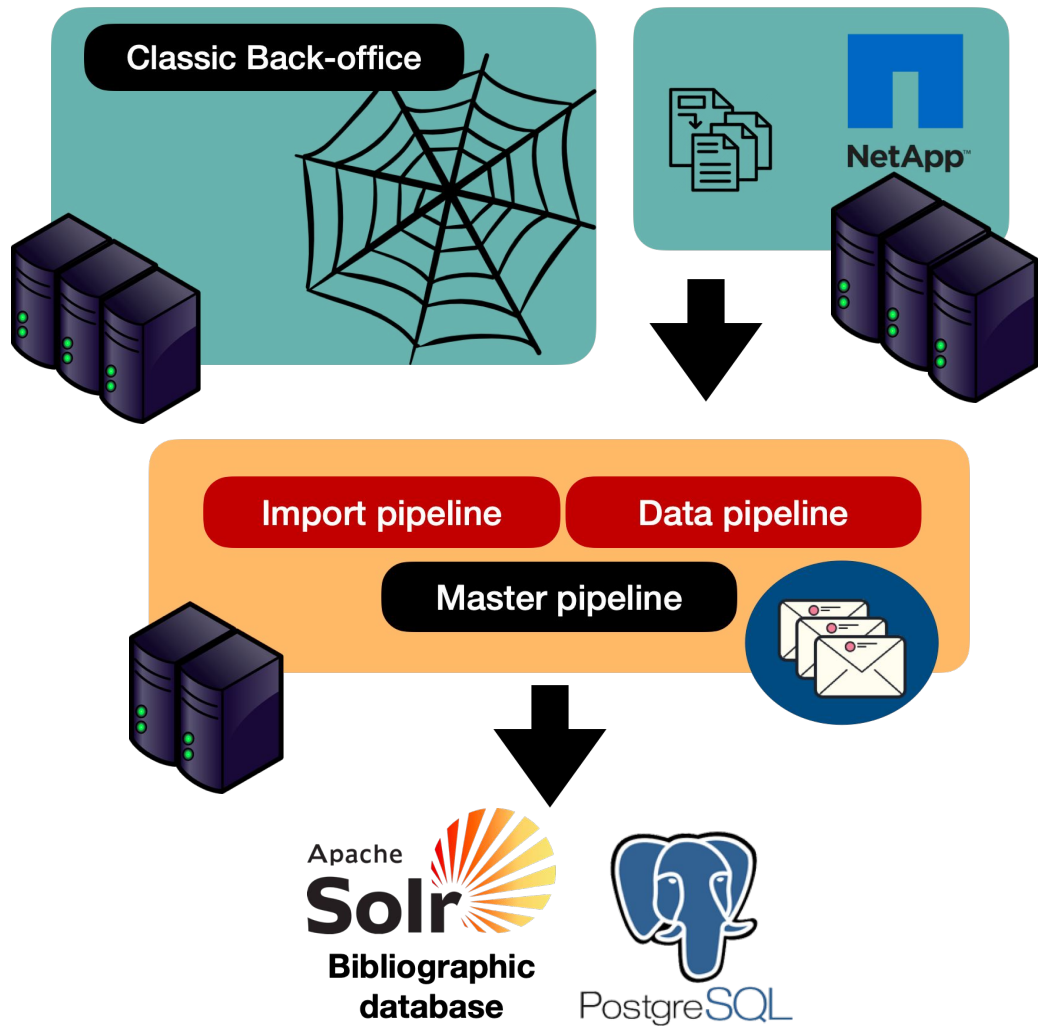# Back-Office pipelines & API microservices (update)

Sergi Blanco-Cuaresma and the ADS Team

ADS Users Group Meeting, 15-16 Nov. 2021
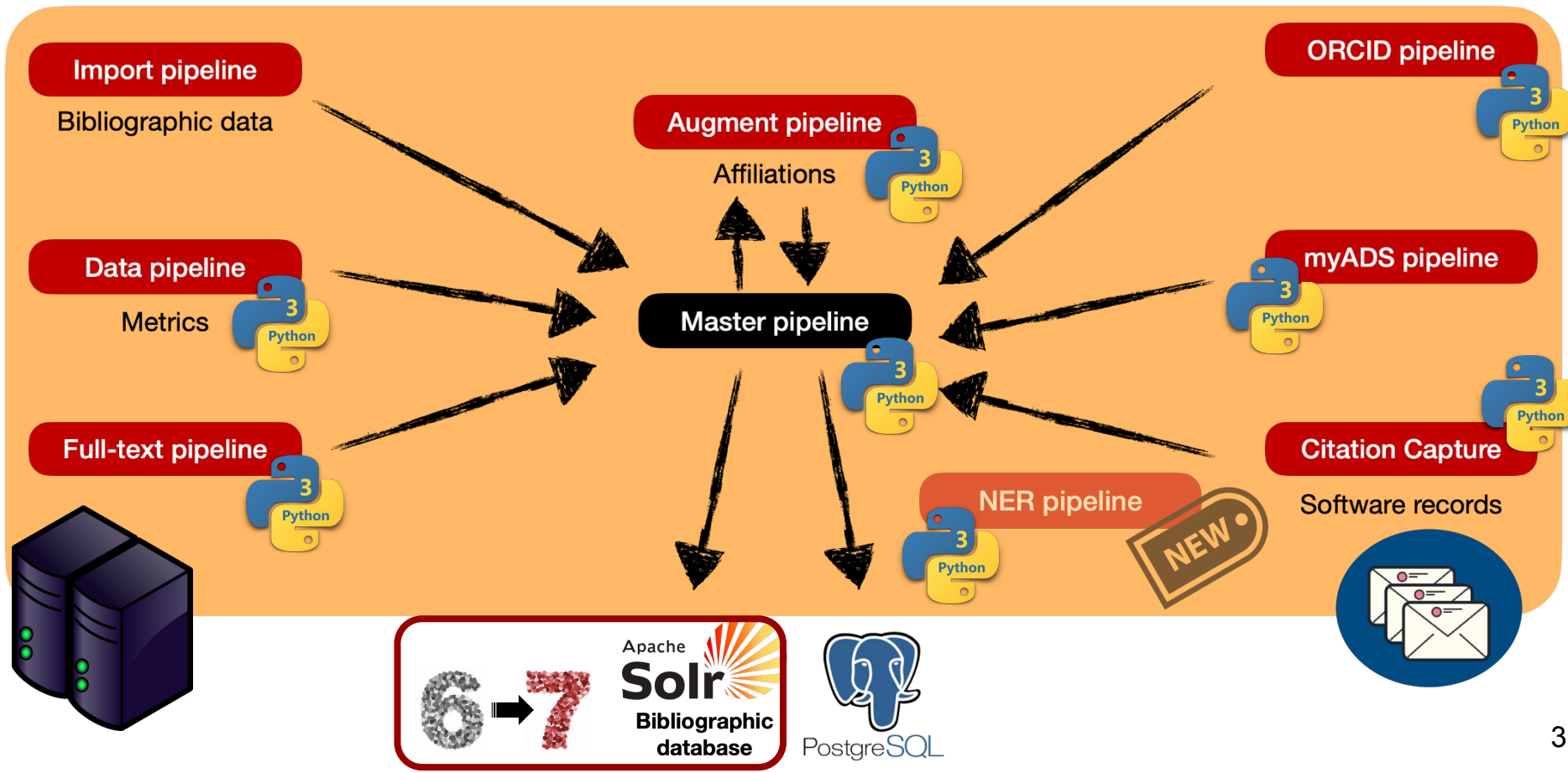
Back-Office Overview
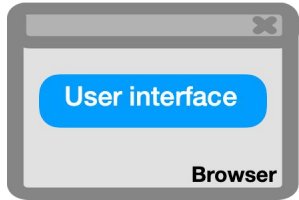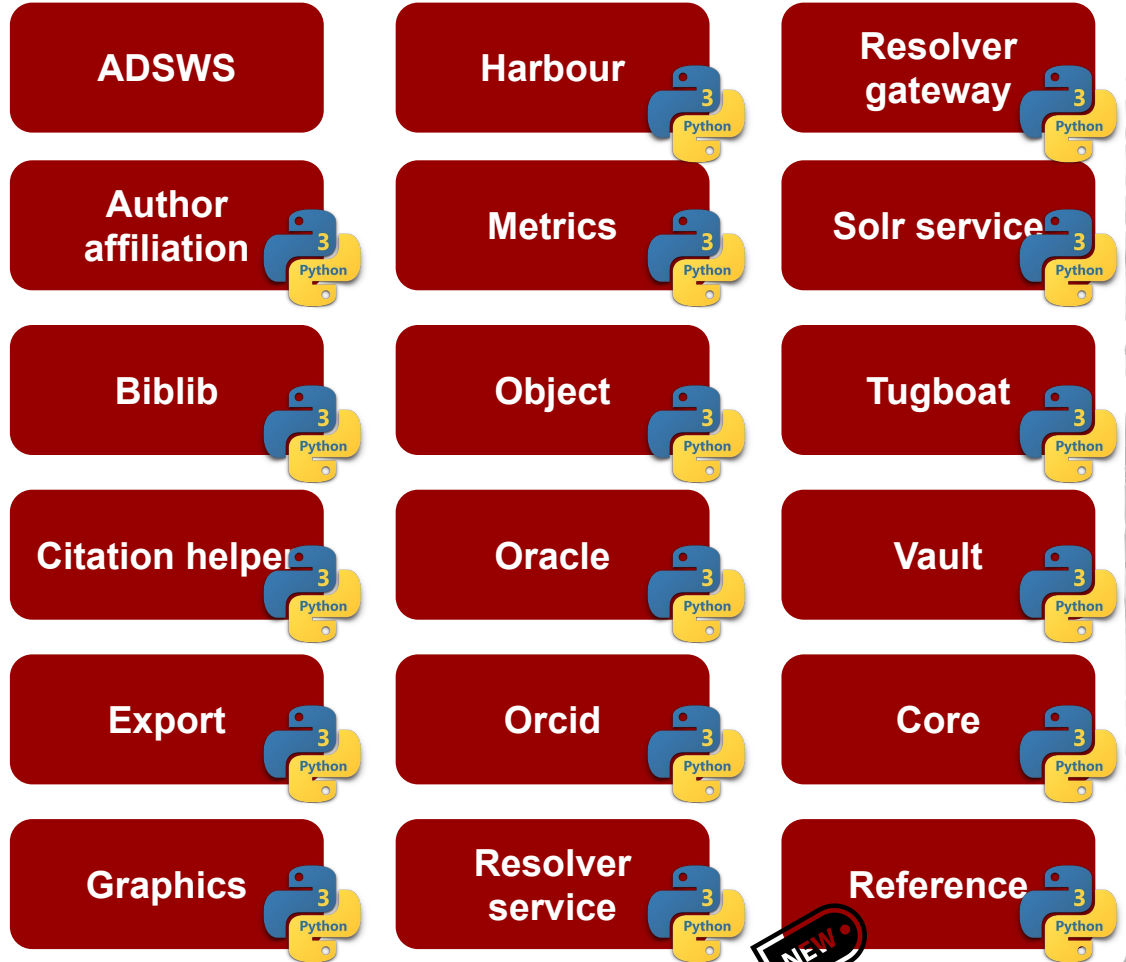
Modern pipelines

Microservices Overview

User interface

Browser

kubernetes

ADSWS	Harbour	Resolver gateway
Author affiliation	Metrics	Solr service
Biblib	Object	Tugboat
Citation helper	Oracle	Vault
Export	Orcid	Core
Graphics	Resolver service	Reference

NEW

Monitoring

Classic records vs Modern pipelines
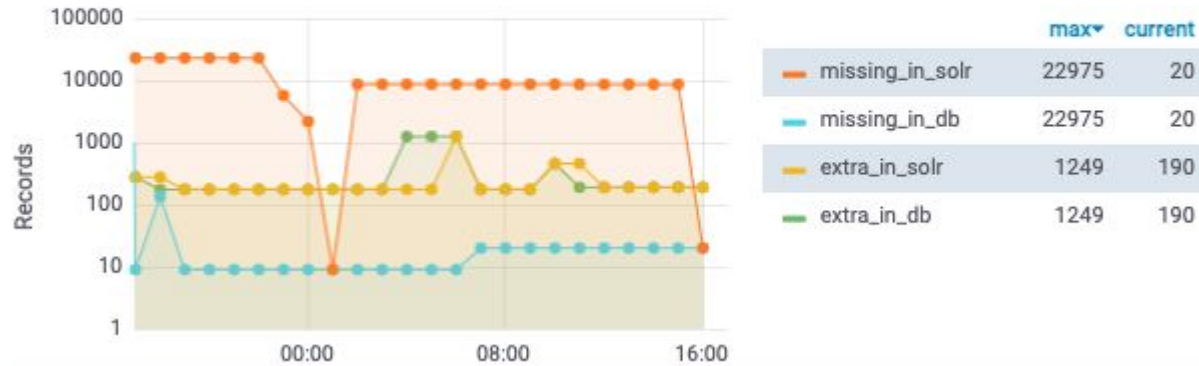
Monitoring

Records Evolution

Monitoring

Scheduled periodic tasks
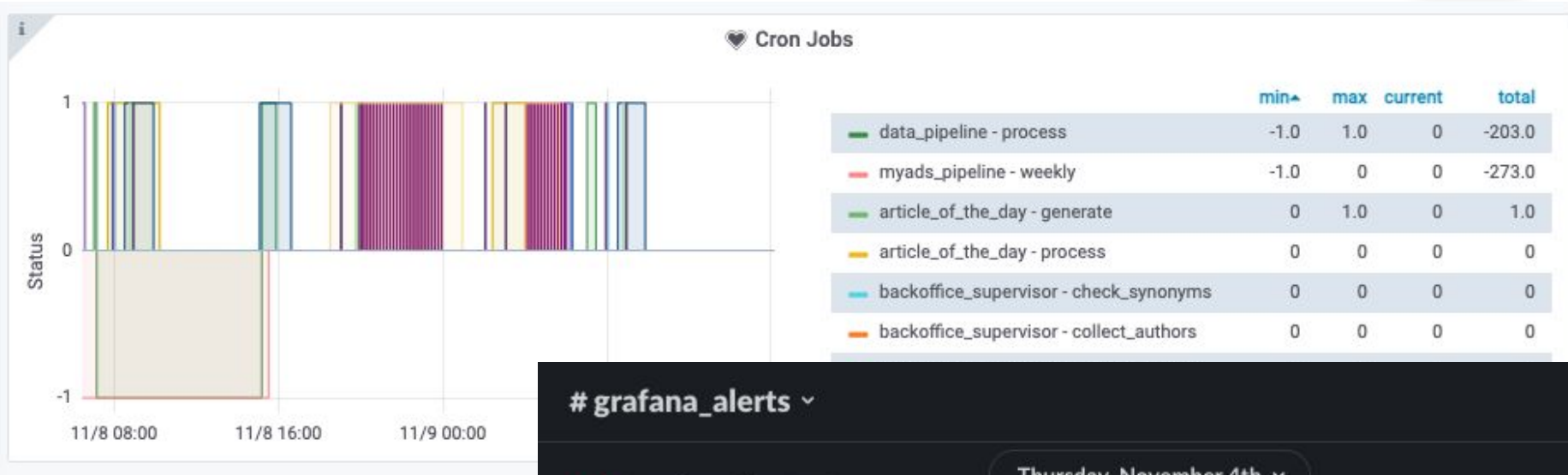
Summary

- Work completed
  - Migrated most pipelines and microservices to Python 3
  - Expanded monitoring collecting data stats
  - Implemented Slack alerts

- Work ahead
  - Finish migration to Python 3
    - adsws microservice
    - import pipeline
  - Classic back-office rewrite
    (see next presentation: Future Storage Layer)