ESUP-DAYS #25
APEREO PARIS 2018

OAE: WHAT LIES AHEAD

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OAE PROJECT LEAD

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apereo

eSUP portail

SUMMARY

▸ **Ongoing developments**

▸ **Planned developments**

    ▸ **Short-term**

    ▸ **Medium-term**

    ▸ **Long-term**

▸ **Q&A**

ONGOING DEVELOPMENTS

WHAT WE'VE BEEN UP TO LATELY

▸ **User facing**

  ▸ **Link sharing mechanism**

  ▸ **Search and filtering improvements**

▸ **Non user-facing**

  ▸ **Speed and robustness**

  ▸ **Dependencies & security upgrades**

LINK SHARING MECHANISM – THE PROBLEM

1. UserX in tenancyA creates content

2. UserX shares content by copy-pasting the URL to UserY in tenancyB

3. UserY gets **ACCESS DENIED**

4. UserY tries to access the content via his tenancyB

LINK SHARING MECHANISM – THE SOLUTION

SEARCH & FILTERING IMPROVEMENTS – THE PROBLEM

▸ **OAE relies heavily on searching for content**

▸ **Search can be inefficient at times:**

▸ **Different types of content (filtering)**

▸ **Content within my library Vs public content**

▸ **Insufficient sorting options**
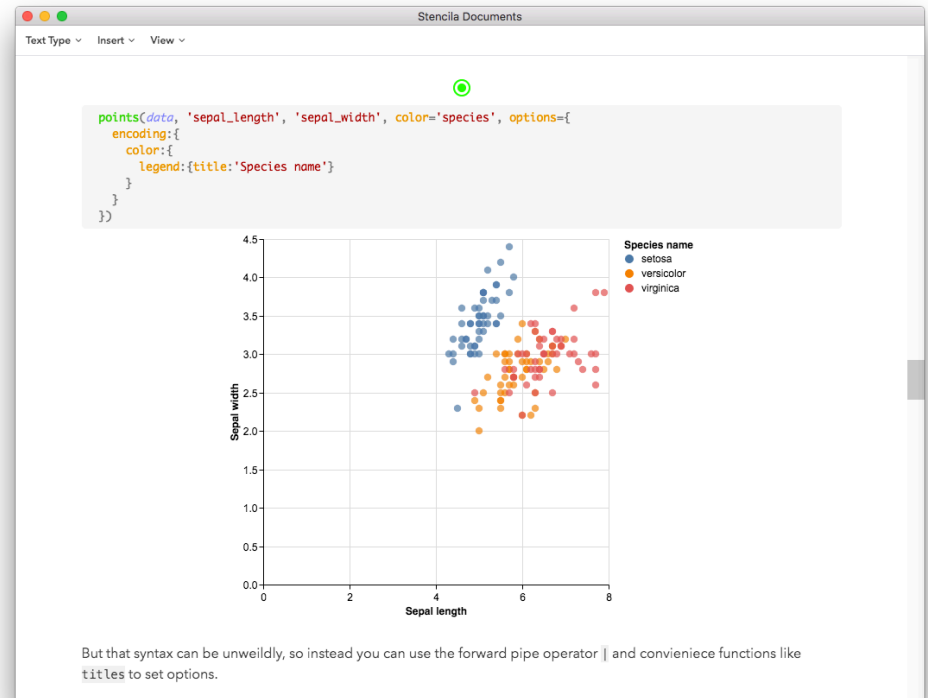
SEARCH & FILTERING IMPROVEMENTS – THE SOLUTION
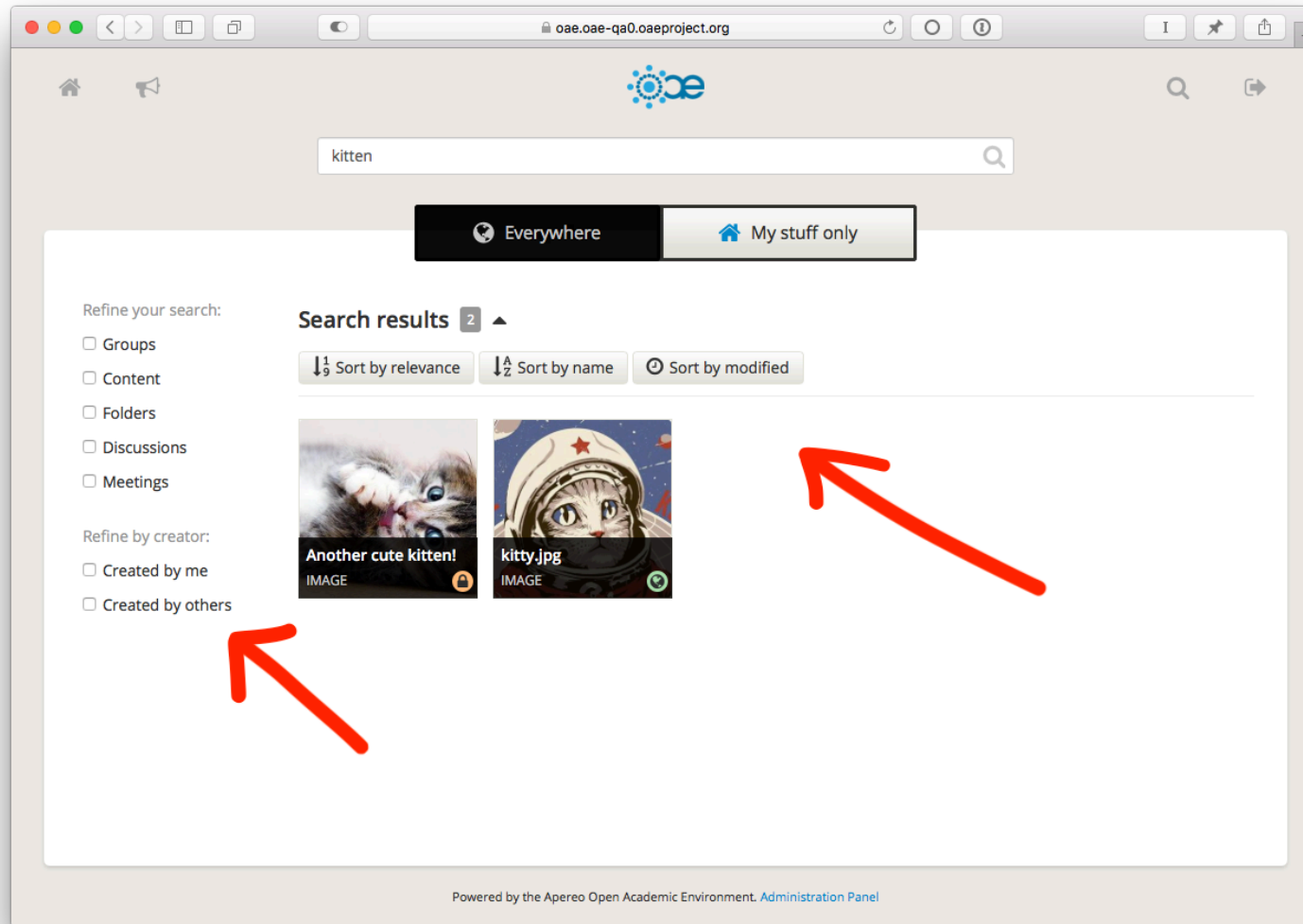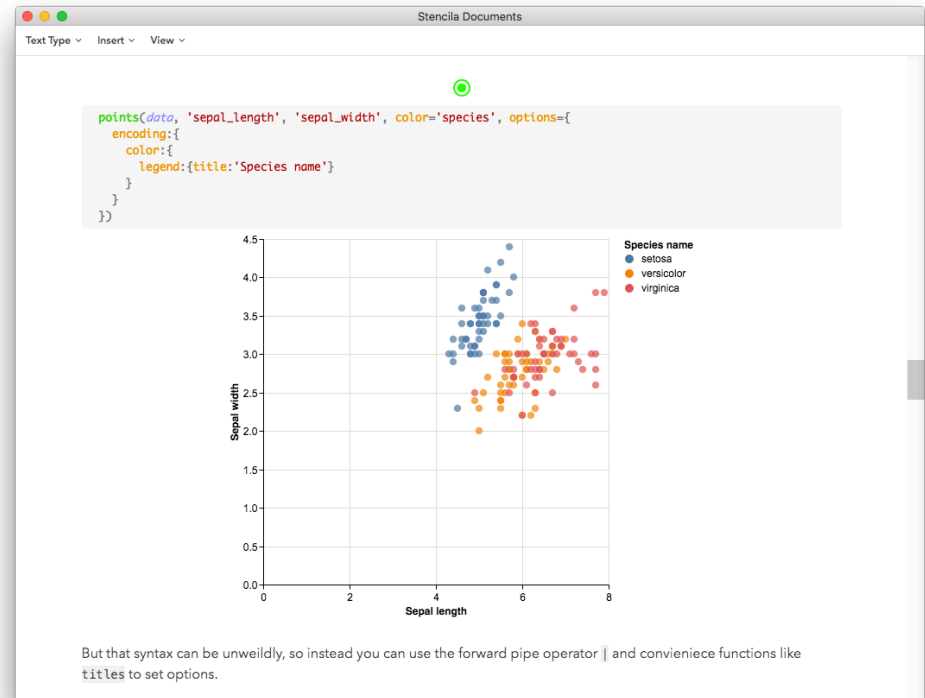
PLANNED DEVELOPMENTS

SHORT-TERM

WHAT IS STENCILA?

▸ *"The office suite for reproducible research"*

  ▸ **Documents**

  ▸ **Spreadsheets**

PLANNED DEVELOPMENTS – SHORT TERM

▸ **Stencila integration**

  ▸ **Stencila embedded in OAE**

  ▸ **Storage & permissions**

  ▸ **Real-time collaboration**

STENCILA DEMO

▸ **Example of a document**

  ▸ http://bit.ly/2BQAMLn

▸ **Example with code cells in other languages**

  ▸ http://bit.ly/2GIZVvm

MEDIUM-TERM

PLANNED DEVELOPMENTS – MEDIUM TERM

▸ **User facing**

 ▸ **Library enhancements**

  ▸ **https://research.unity.ac/content/gatech/E1KEhfqxl**

▸ **Activity feed**

 ▸ **https://research.unity.ac/content/gatech/r153rzBx**

▸ **Non User facing**

 ▸ **Clear technical debt on the frontend**
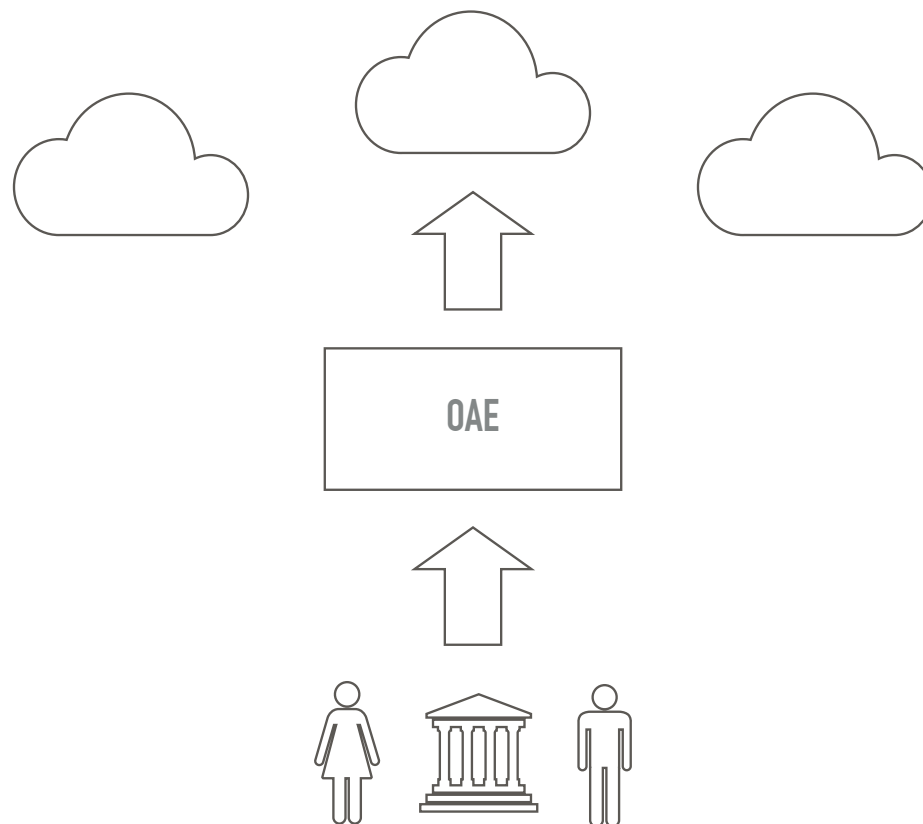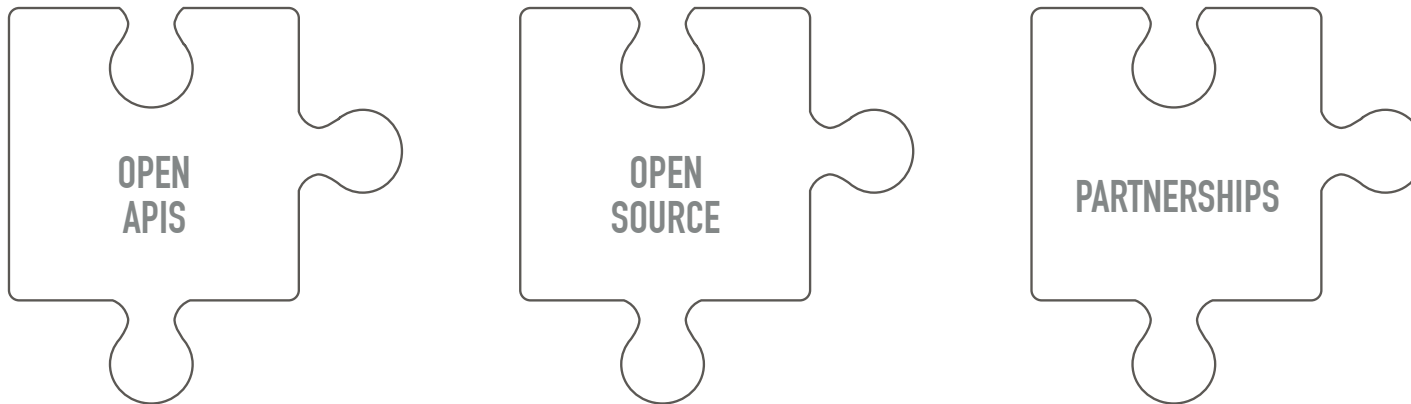
LONG-TERM

PLANNED DEVELOPMENTS – LONG TERM

▸ Ideas for the future include:

  ▸ Integrations:

    ▸ DOI

    ▸ ORCID

    ▸ hypothe.is

    ▸ BBB

  ▸ OAuth2 provider

  ▸ Complete redesign

LONG TERM VISION: AN INTEGRATION PLATFORM

LONG TERM VISION: AN INTEGRATION PLATFORM

OPEN
APIS

OPEN
SOURCE

PARTNERSHIPS

THANK YOU.

ANY QUESTIONS?