



SWISS  base

**Une plateforme d'archivage et partage
de données et les enjeux liés à la
protection des données et au libre accès**

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The Partners



Roadmap

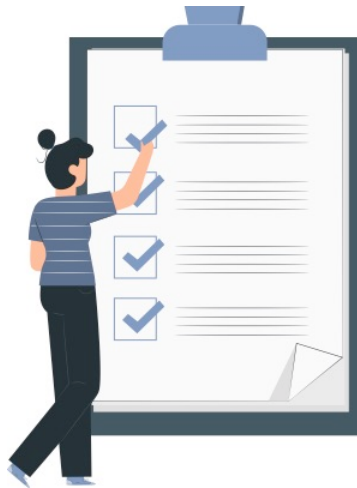


Key Features

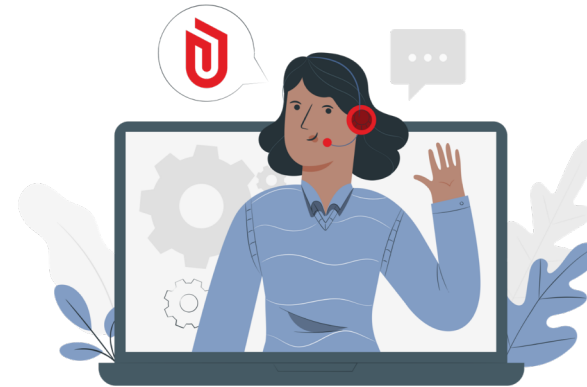


What makes SWISSUbase unique?

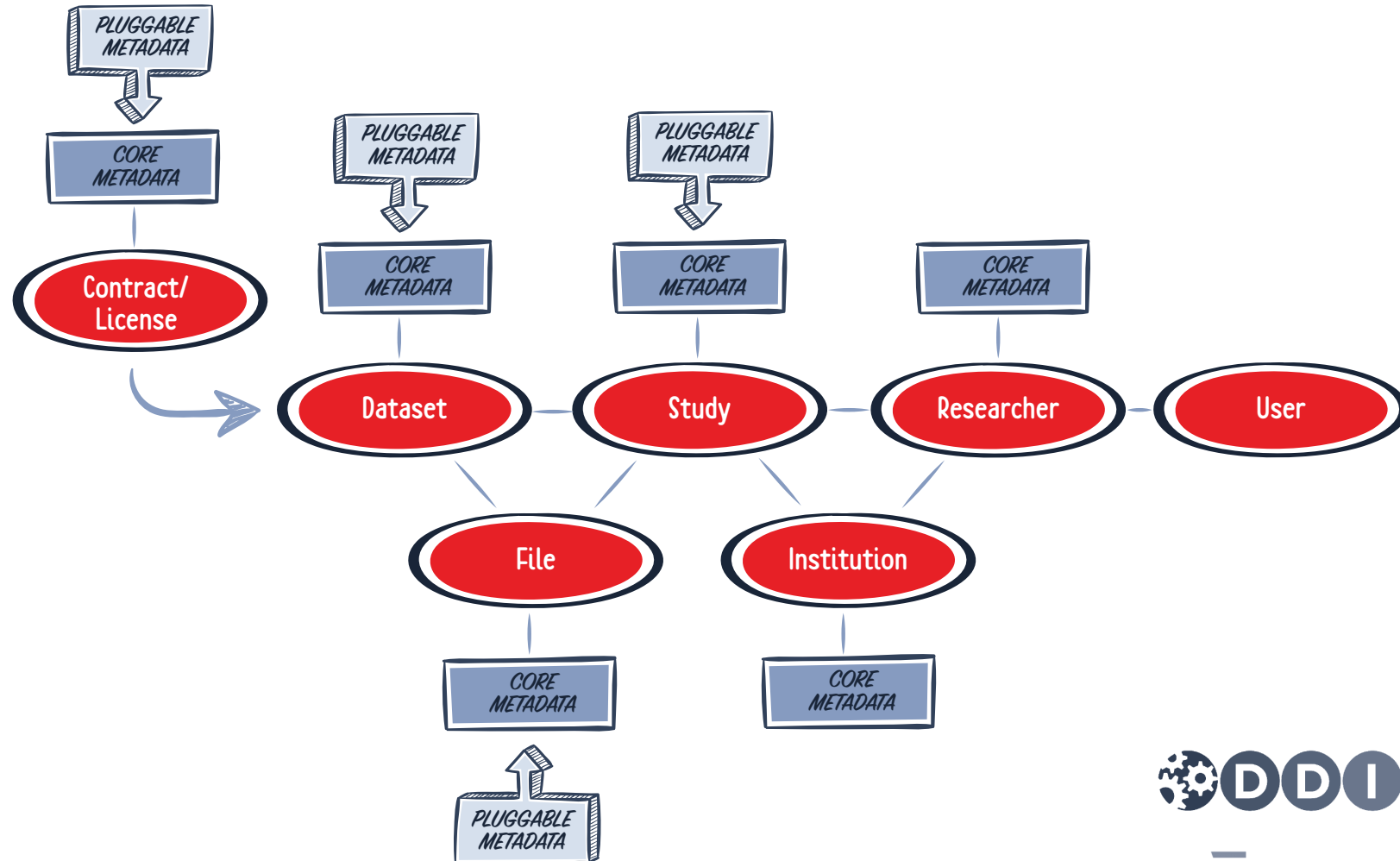
> Rich metadata



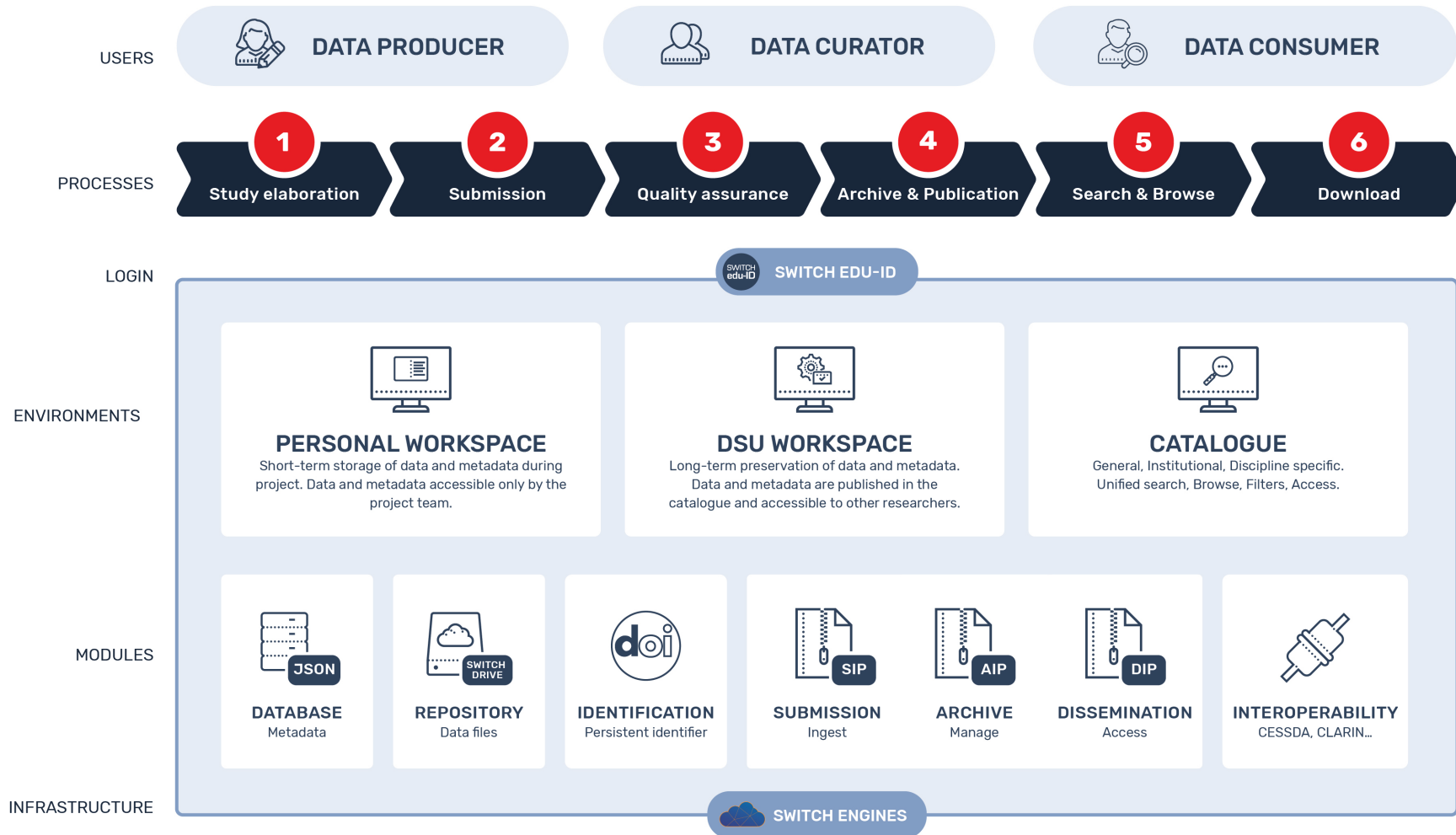
> Services and expertise



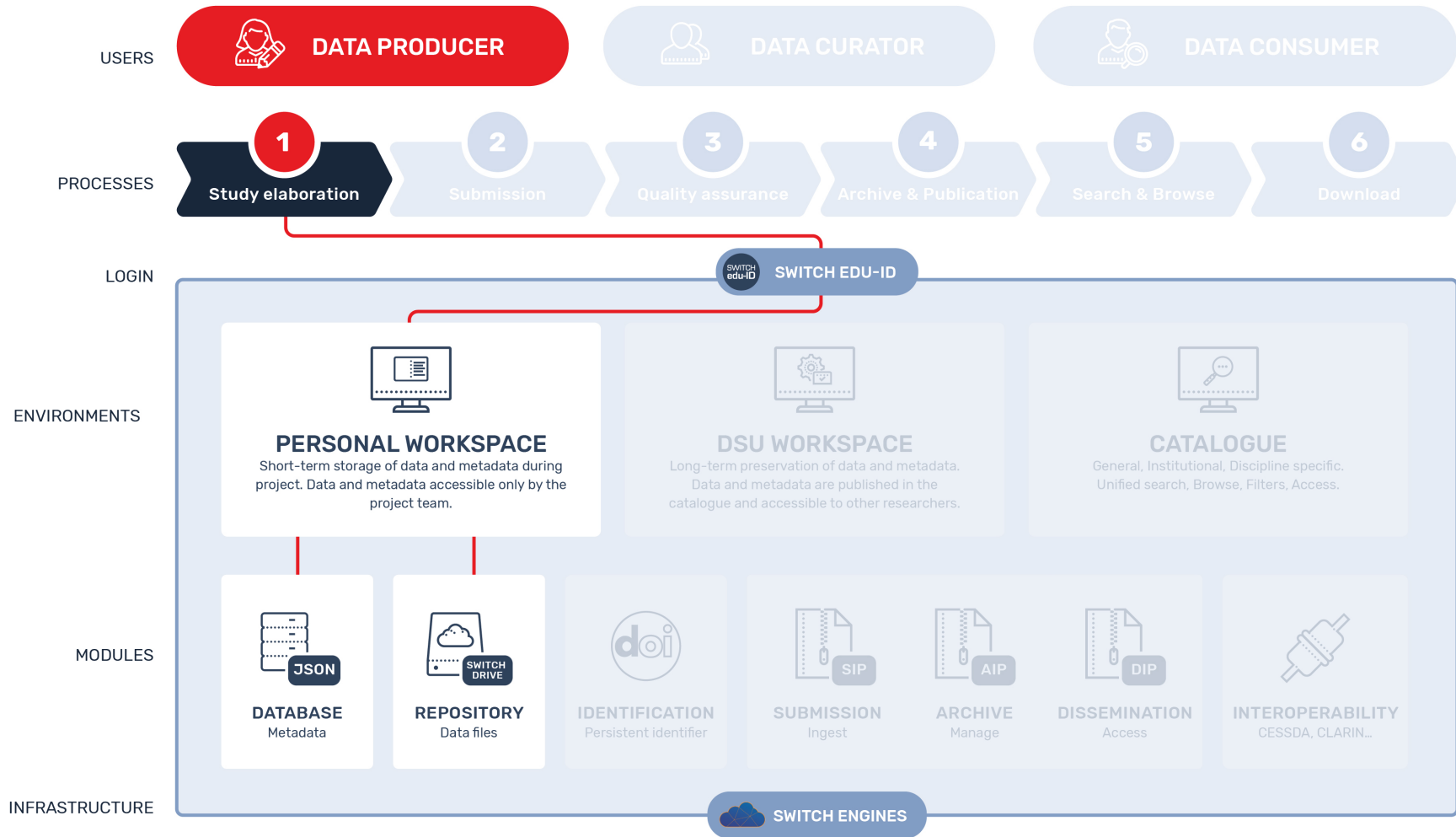
Pluggable rich metadata



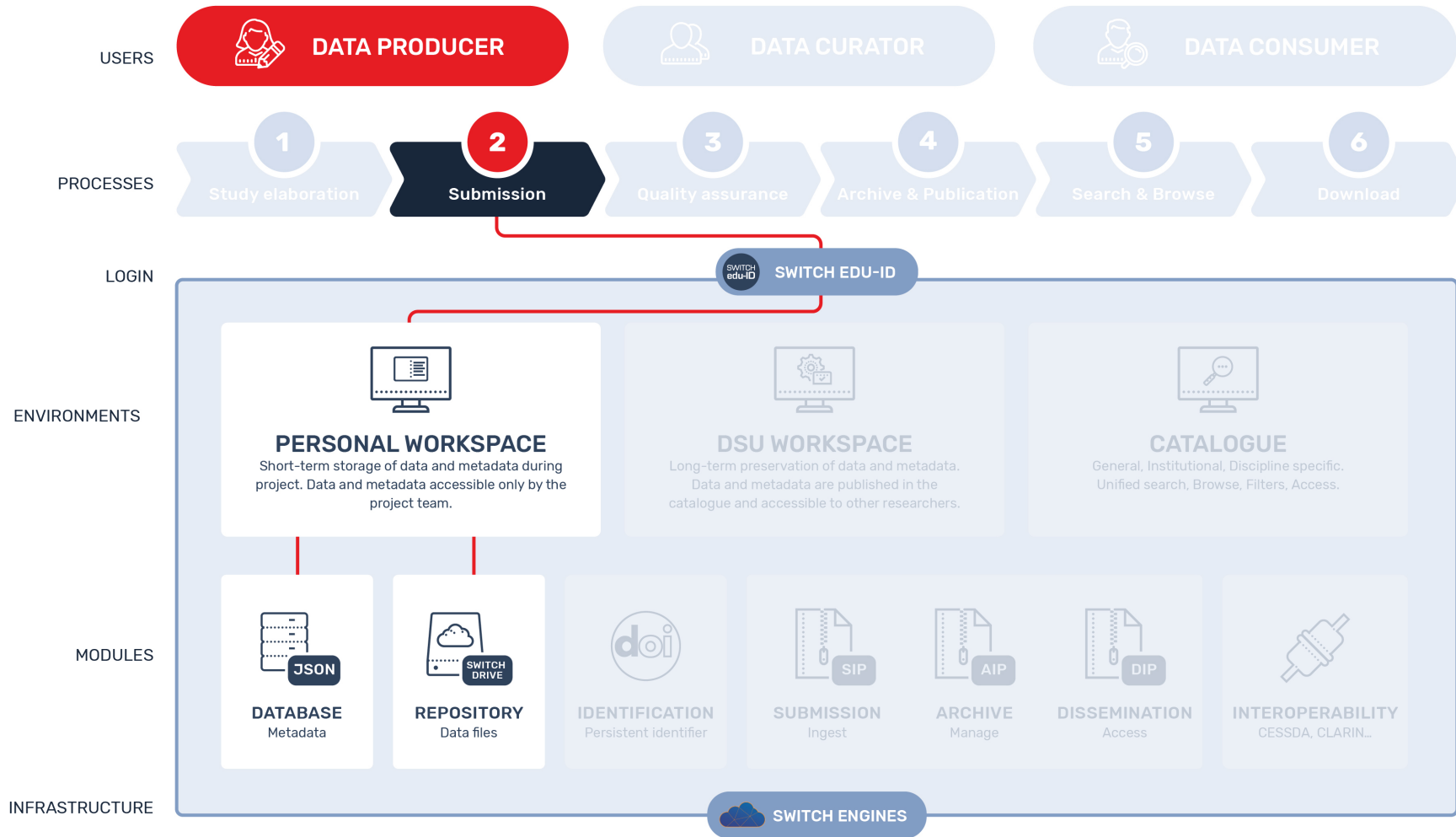
Workflow



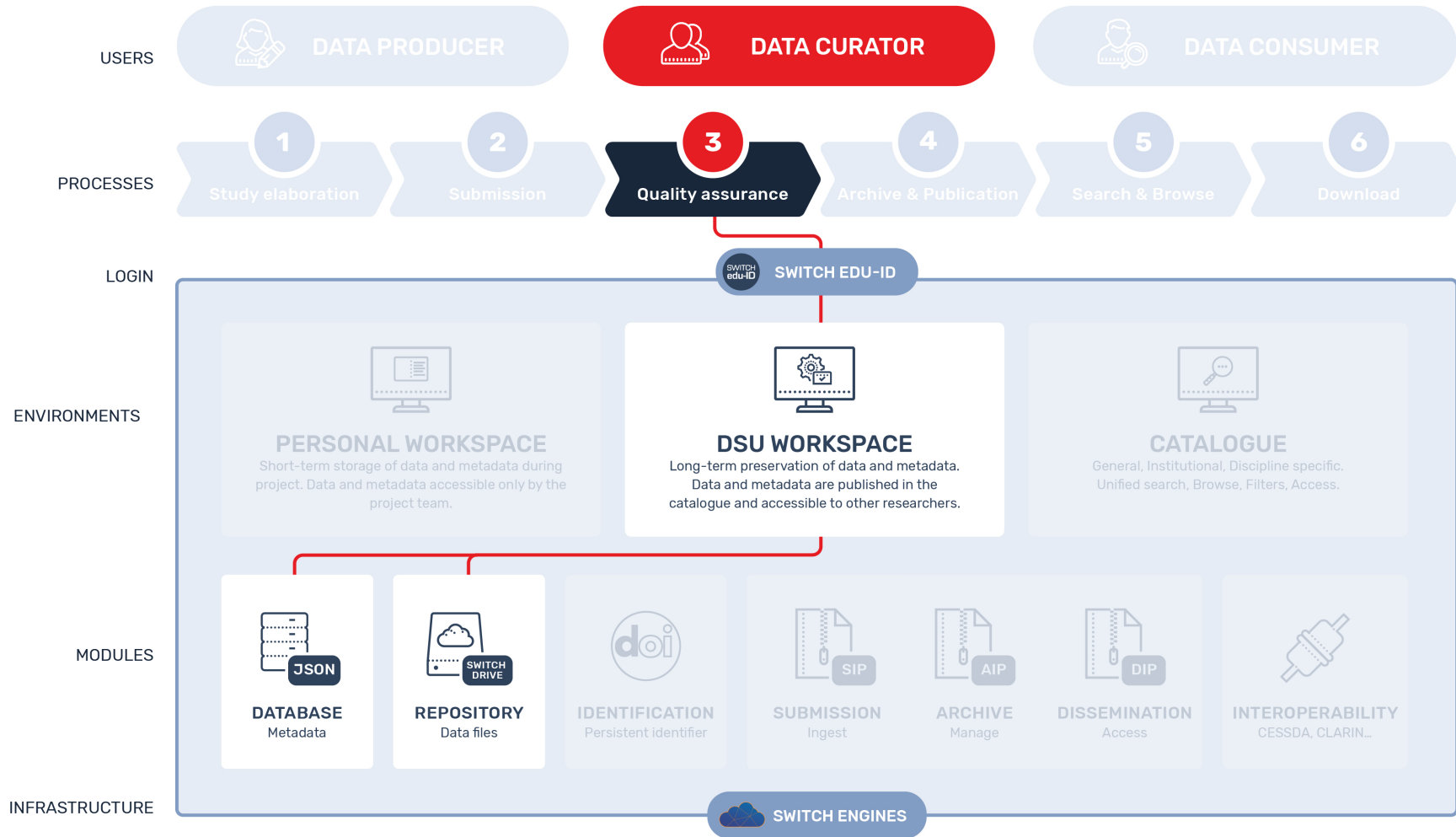
Workflow



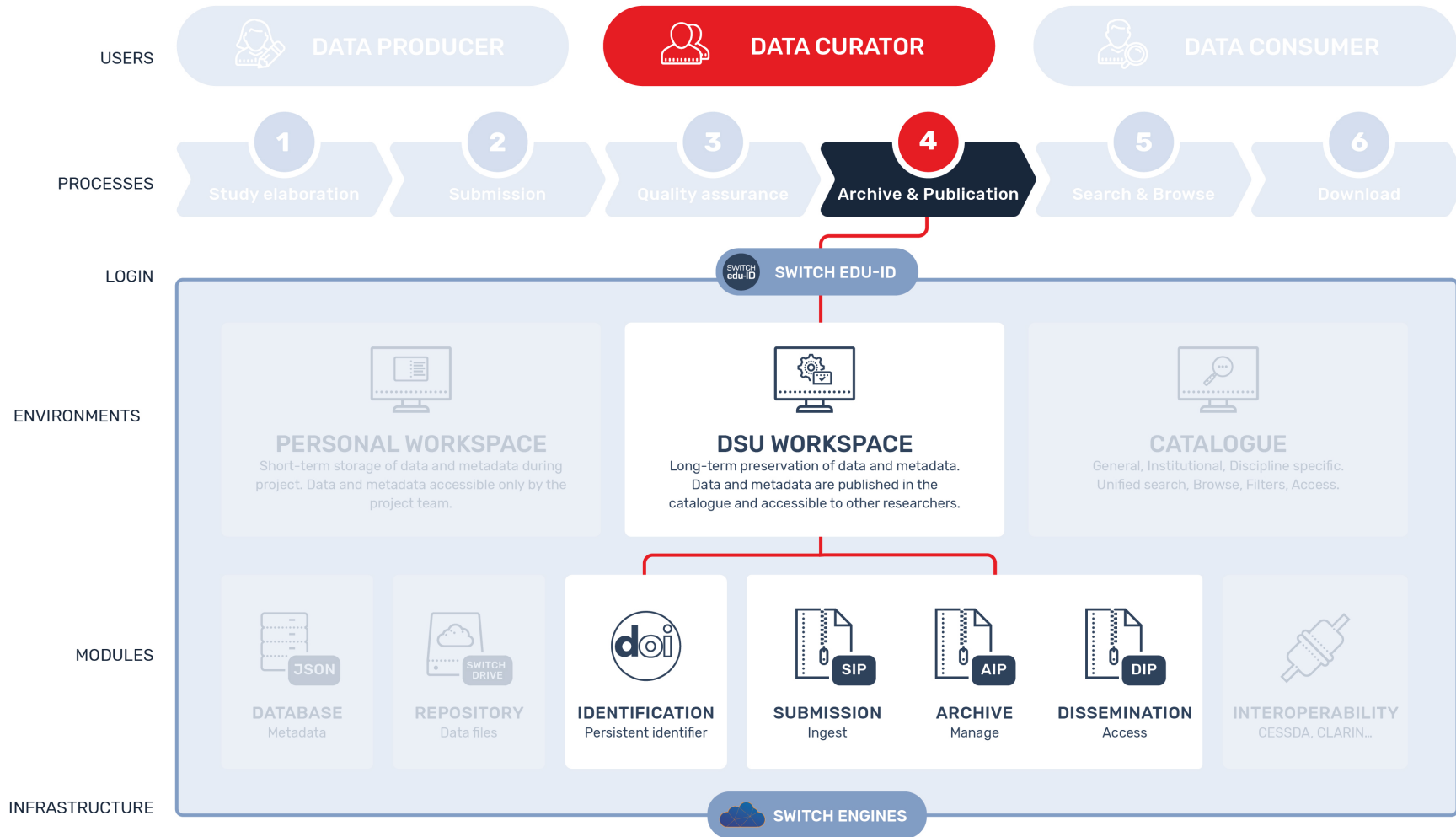
Workflow



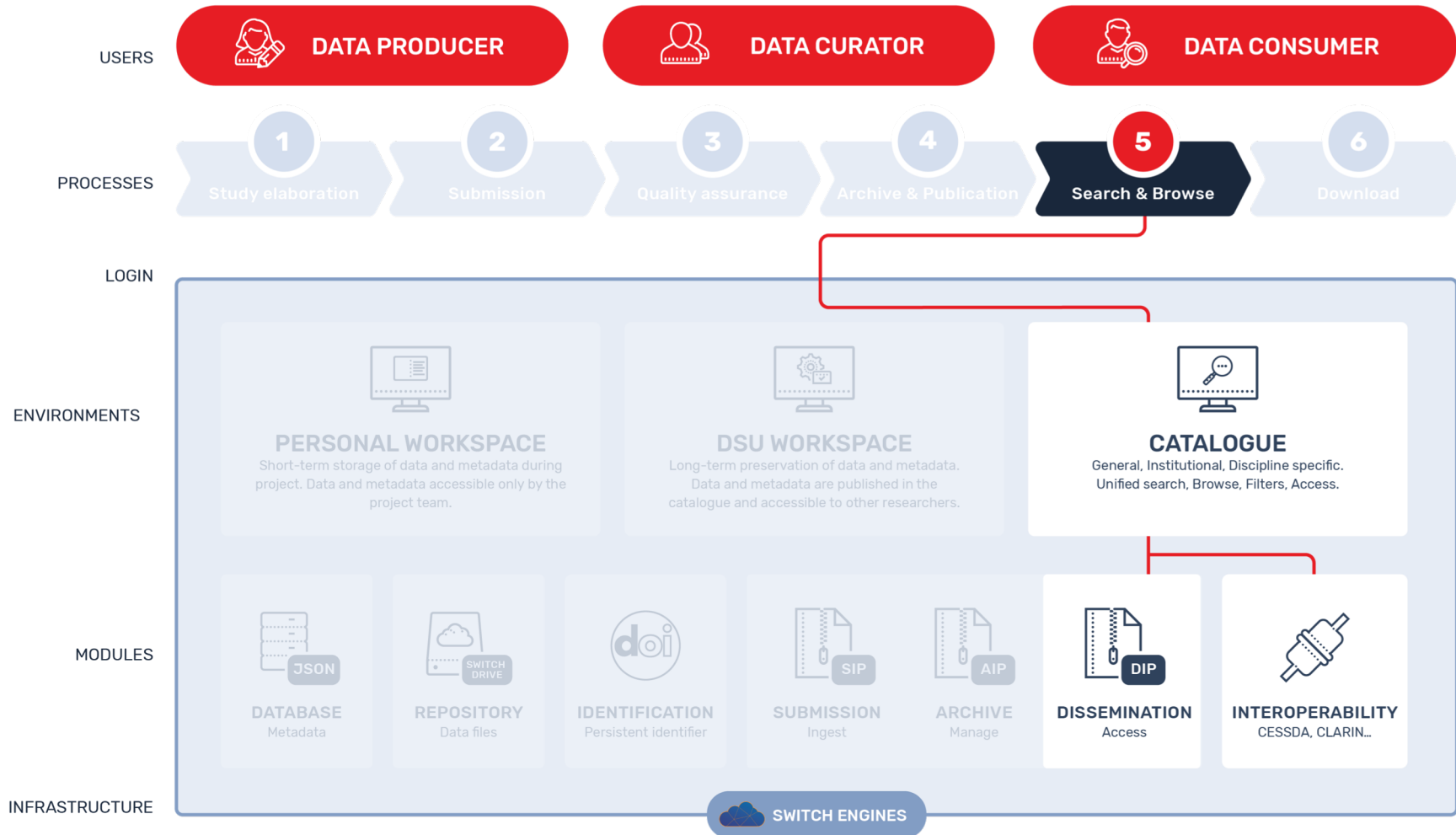
Workflow



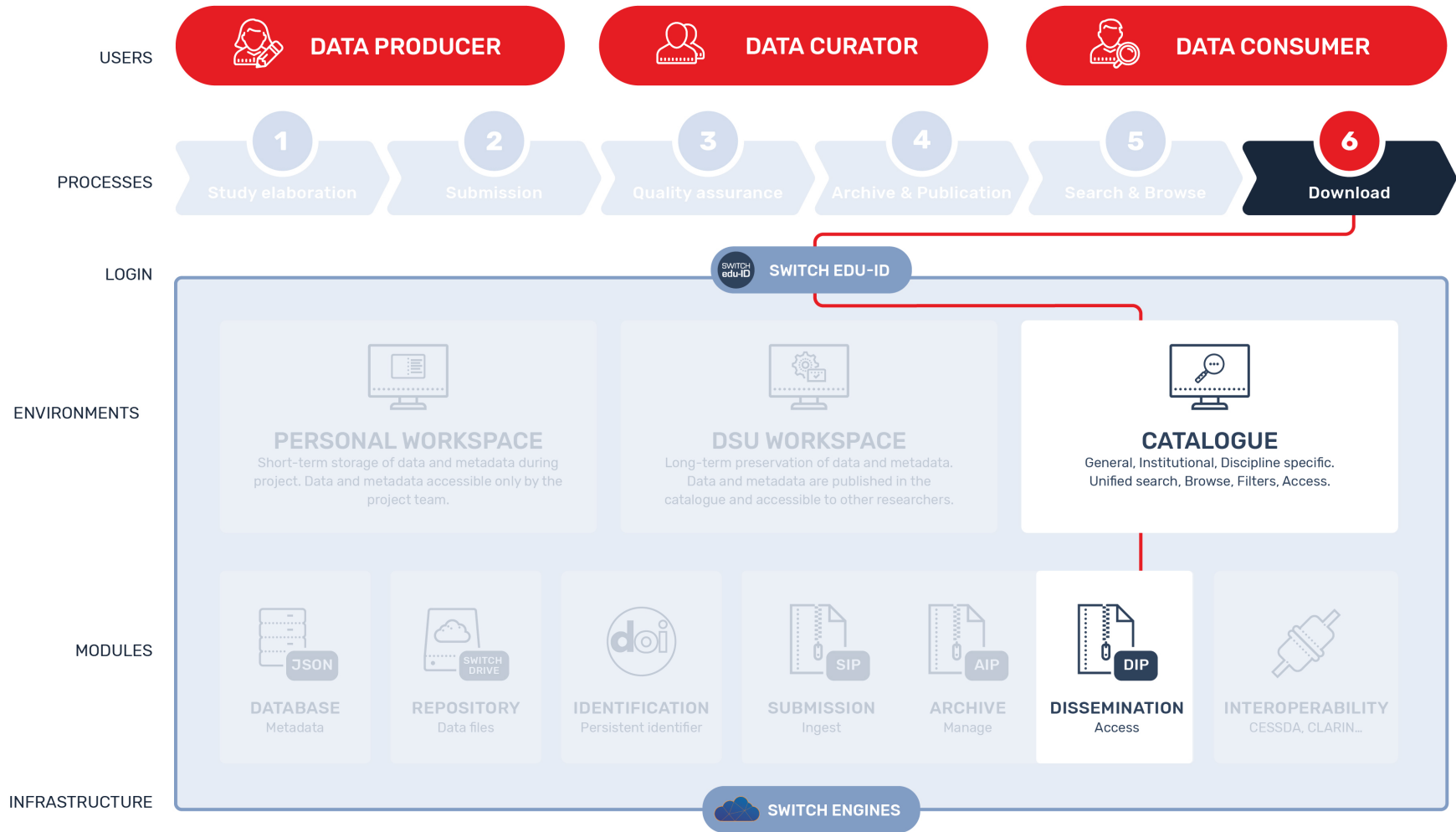
Workflow



Workflow



Workflow



Data Protection Measures in SWISSUbase

Data is stored in Switzerland

- > All data stored and the application running on servers in Switzerland
- > Infrastructure provided by SWITCH

S3 Data Encryption

- > Server-side encryption when stored to disk and decryption on download

Options for access restriction

- > Different levels of accessibility
- > (Custom-tailored) contracts
- > Optional prior approval by the data producer

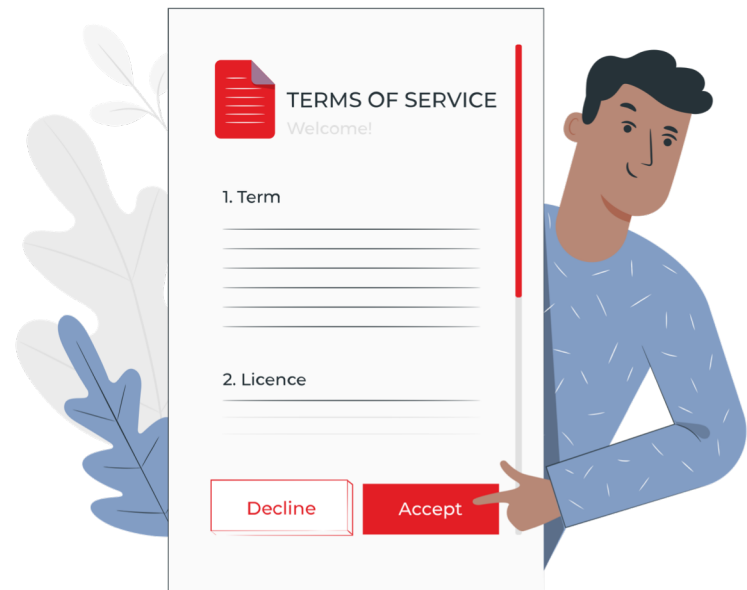
Data Protection Measures in SWISSUbase

Data Service Units assistance

- > Curation of the data
- > Checking of data protection/anonymization issues
- > Guidance for right choice of license/contract
- > Helpline (60% of requests concern legal issues)

On the horizon

- > CoreTrustSeal certification
- > Remote secured access
- > Safe rooms



Challenges regarding data protection in the context of open science

- > Research data may contain personal data
 - > It is sometimes necessary to keep personal data
 - > Some data are difficult to anonymise
- > Who is responsible for these personal data ?
 - > It is the responsibility of the researchers (as data controllers) to ensure that all data protection obligations are met, e.g. regarding information to participants, consent, anonymization, etc.
 - > SUB is a service provider (a subcontractor)
 - > It is important to have good contracts



Challenges regarding data protection in the context of open science

- > The sharing of personal data poses a significant problem with regard to information
 - > How to inform participants?
 - > What to do when it is difficult (but not impossible) identify them?
- > SUB provides the necessary conditions for respectful data sharing
 - > Controlled access (purpose + risk limitation)
 - > Establishment of binding user contracts
 - > Implementation of secure data consultation tools
 - > Support for researchers with special cases
 - > Training



Questions



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