

INSPIRE Update



*Institute of High Energy Physics
Chinese Academy of Sciences*



AAHEP8 Amsterdam

focus



INSPIRE



partnerships

services



technology

INSPIRE

partnerships

5 laboratories (CERN, DESY, IHEP, FNAL, SLAC)

bi-lateral partnerships

HEPData special relation

technology

INSPIRE

partnerships

technology

virtual & redundant infrastructure

machine learning (authors, classification, references)

Invenio 1.x to 2.x

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Lessons (59)

Using GitHub?



Check out our GitHub integration.
Software Preservation Made Simple!

New to Zenodo?

- Research. Shared. — all research outputs from across all fields of science are welcome!
- Citeable. Discoverable. — uploads gets a Digital Object Identifier (DOI) to make them easily and uniquely citeable.
- Community Collections — accept or reject uploads to your own community collections (e.g workshops, EU projects or your complete own digital repository).
- Funding — integrated in reporting lines for research funded by the European Commission via OpenAIRE.
- Flexible licensing — because not everything is under Creative Commons

Recent Uploads

15 January 1997 Presentation Open access

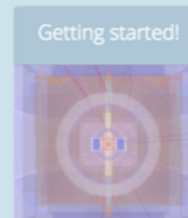
Molecular genetics of the E. coli *gus* operon: Medical and evolutionary

View

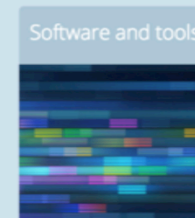
CMS is releasing data in the same format as used in data analysis by CMS physicists. A CMS-specific analysis framework is needed, and it is provided as a Virtual Machine image with the CMS analysis environment. The data can be accessed directly through the VM image. Basic information of the data contents is provided in [About CMS](#) and in [About CMS Physics Objects](#). The original data are in primary datasets, i.e. no selection nor identification criteria have been applied (apart from the trigger decision), and these have to be applied in the subsequent analysis step. For the first release, no simulated Monte Carlo datasets are provided



VMs



Getting started!



Software and tools

CMS Primary Datasets

CMS primary datasets are AOD (Analysis Object Data) files, which contain the information that is needed for analysis

Total records:

14

CMS Derived Datasets

This collection includes data that have been derived from the CMS primary datasets

Total records:

37

CMS Tools

This collection includes tools, with which the CMS open data can be accessed and used

Total records:

7

crowdsourcing
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services



technology



Welcome to INSPIRE Labs!

Is there an article, preprint, conference paper or thesis you'd like to see added to INSPIRE?

[Send a suggestion!](#)

All accepted suggestions are automatically transferred to INSPIRE


What is INSPIRE Labs?

INSPIRE Labs provides a sneak preview of new features and designs currently under development. Try it out, and please use the feedback button to let us know what you think!

[Send Feedback](#)

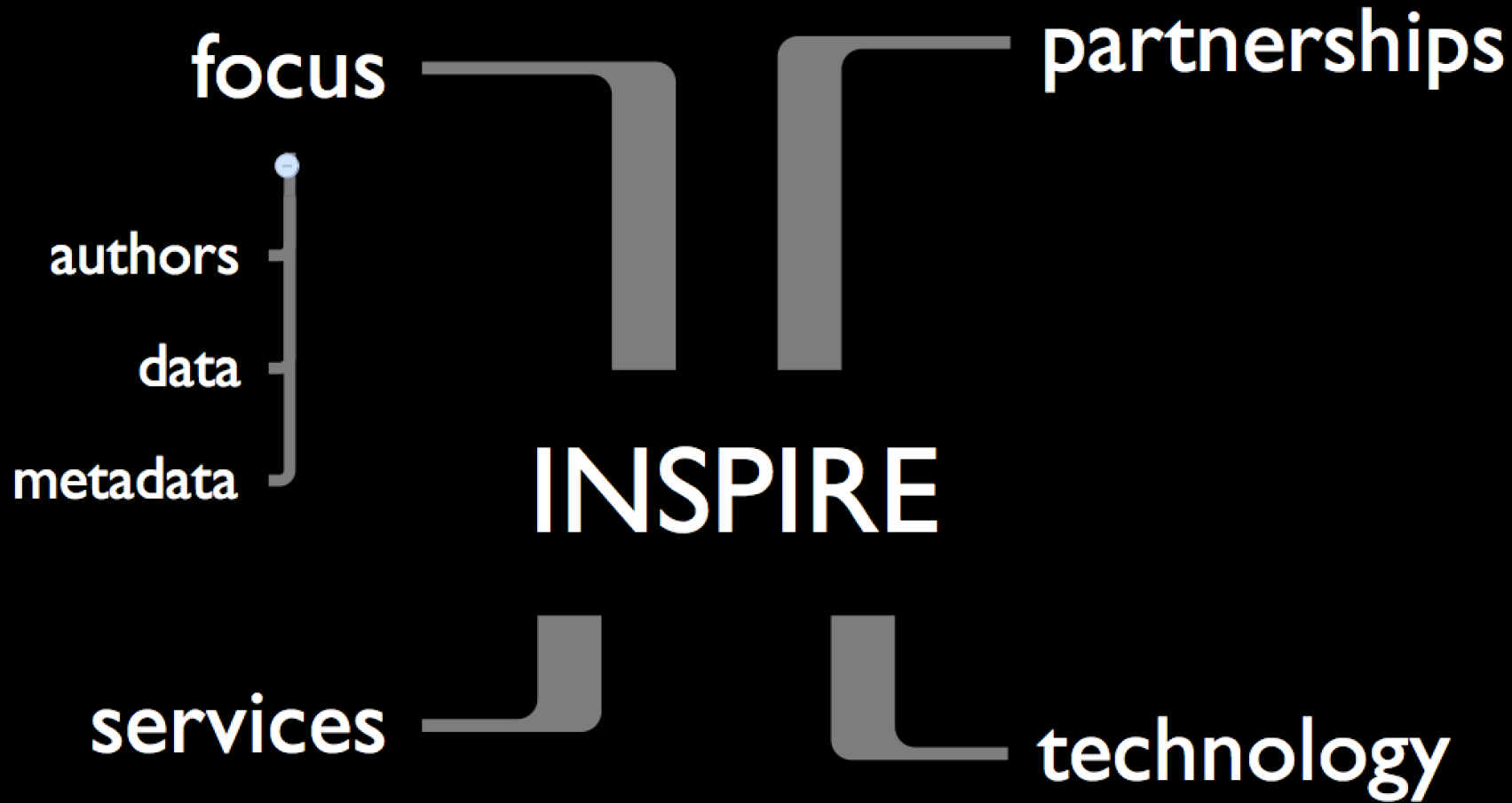
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- data
- metadata

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