Conventional Use

CernVM-FS serves software distribution needs for scientific collaborations inside and outside HEP. We are aware of **more than 50 repositories** and **more than 350 million files** under management.

New Use Cases

CernVM-FS key features – POSIX interface, cryptographically secured end-to-end data integrity, builtin versioning, data delivery on demand – make it attractive for new use cases, such as

1. Storage of ALICE conditions data from data taking to analysis

2. Namespace for LIGO experiment data files

3. Integration with Docker for image content distribution

Rich Development Program

A rich development program has started **as discussed at the 2016 CernVM Workshop**. New functionalilty includes

- A REST API to repositories for continues, distributed publishing

- Support for 3rd party client cache manager plugins