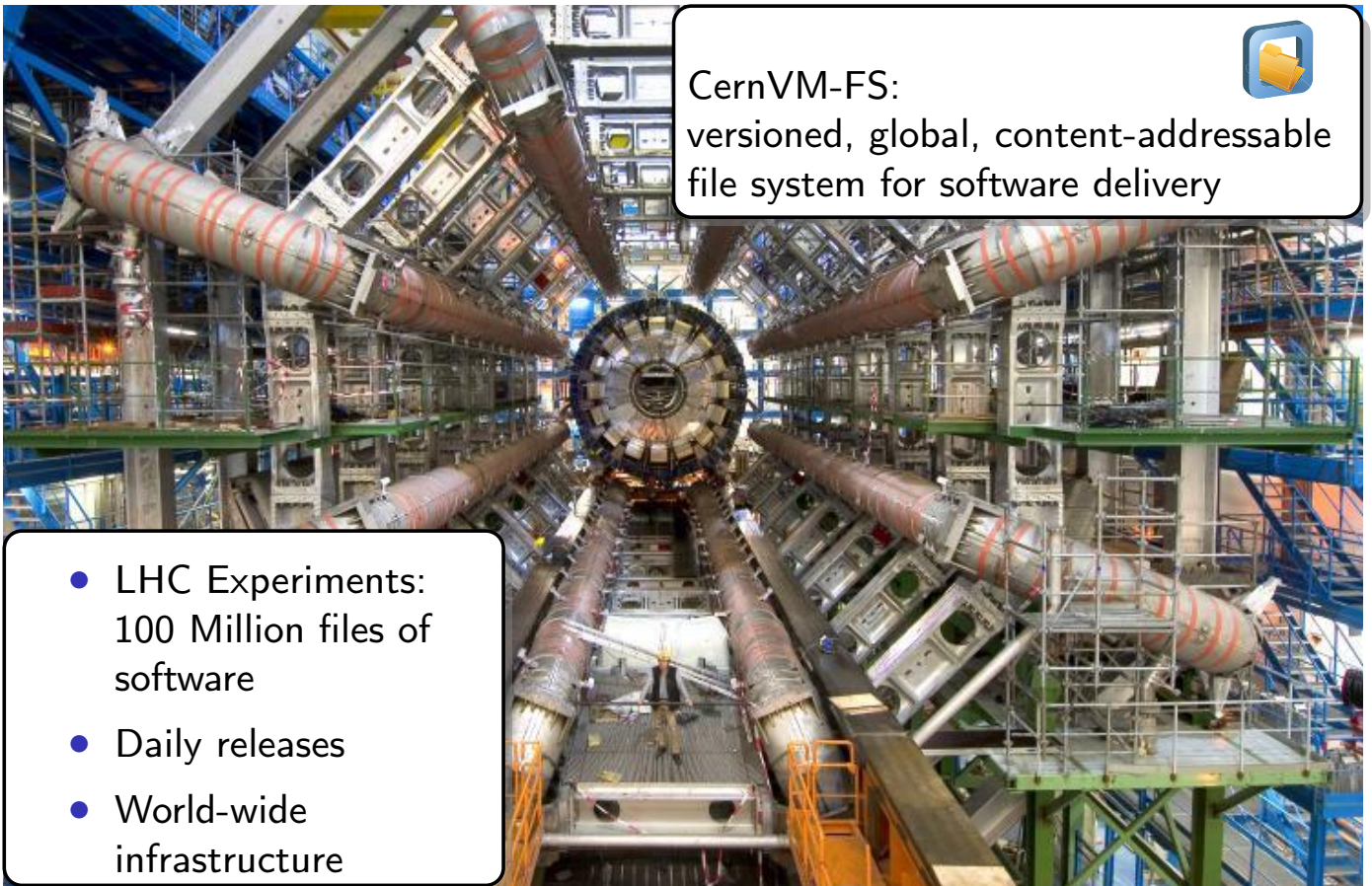




# Versioned Open-Source Software is not Enough

The Need for a Versioned Data Analysis Environment



CernVM-FS:  
versioned, global, content-addressable  
file system for software delivery

- LHC Experiments:  
100 Million files of  
software
- Daily releases
- World-wide  
infrastructure