# WBM Operations and Plans for 2017

# 2016

- Very smooth operation of WBM

- Major achievements:

  - full integration TCDS

  - full integration uGT

- No pending requests / missing functionality

# Personell

- Juan, Kaori

+ Petia Petrova

   ( Andrea, Remi, Audrius)

– continuing: Valdas, Mantas, Balys, Jim, Ulf

# Plans for 2017

# WBM history

- started in 2006

    - w/o cleanly defined scope

- (self-defined) mission:

    - only recently turned into run coordination project

    - Jump in whenever tool ( not ony ) for displaying data is needed and no one else could provide

- good for CMS: evolved into extremely helpful tool / many useful utilities

- But:

# **Drawbacks of current WBM**

- scope was heavily extended over the years

  - increasing complexity / interdependency

    - expertise needed within WBM: XDAQ, FM, system admininstration, (CMSSW), SQL, oracle, Java,  javascript, html, css, ….

  - hard to disentangle

# Drawbacks of current WBM (2)

- web apps became very popular: web 2.0

    - heavily improved, desktop like UX

    - much better methods / frameworks / web browsers

        - ECMAscript, JIT, AJAX, REST

    - but not applicable to WBM

# Conclusion for current WBM

- current WBM can not be run efficiently

  - ratio outcome / invested man power not optimal

- too much man power / expertise needed to maintain

- hard to add functionality / features

- impossible to port into modern web app

- conclusion:

$$WBM \rightarrow (C)OMS$$

# WBM in 2017: run registry

- PPD project

- separated from WBM

  – No longer running on the same computers

- right now: 100% man power overlap

- issues / requests:

  – https://its.cern.ch/jira/projects/CMSDQMRR

# WBM in 2017

- upgrade project has started

    - based on outcome of review / 'RFC' on commissioning hn

# WBM in 2017 (2)

- freeze current WBM

  - keep running as it is

  - limited maintenance / bug fixes only

- partial replacement possible

  - urgently needed new features may go directly into new project

- old core team merged into new project

  - contact persons / email addresses stay

    - Issues / requests / proposals:

      - cms-wbm-core@cern.ch

  - limited man power