

Accsoft Commons Web (ACW)

Background, Purpose and Practices

Chris Roderick

BE-CO Data Services section is responsible for a number of activities which are distributed amongst several teams.

For the Web Development activities – several applications / needs, and people involved:

Web Development in BE-CO-DS

Accelerator Statistics - led by Marcin Sobieszek (was Piotr Sowinski for >2 years until July 2016), fulfilling user needs, currently in maintenance mode.



@ Jakub Wozniak

@ Marcin Sobieszek

@ Piotr Sowinski

Left in July

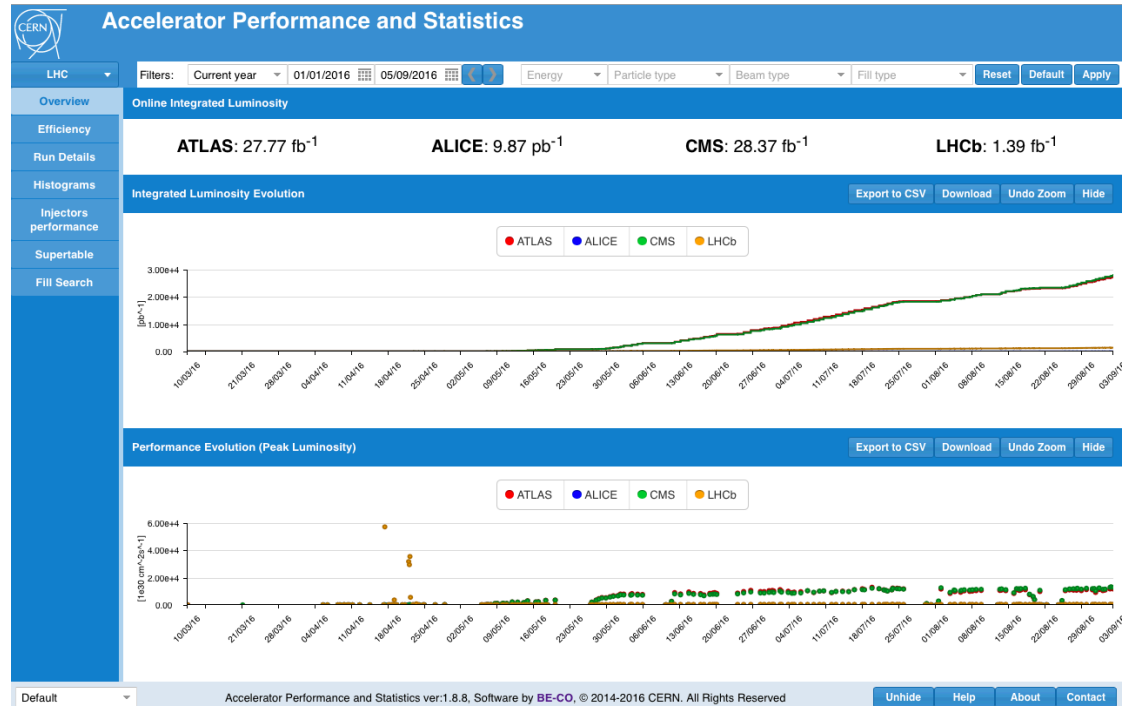


@ Nikolay Tsvetkov

@ Krzysztof Nawara

Left end September

Team mainly works on Logging



Web Development in BE-CO-DS

Layout Service - led by Pascal Le Roux, and currently under development.

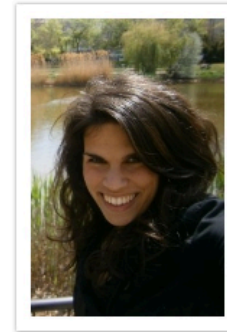
Applications and features must start gradually moving into production over the next 2 years – to interface with the new Layout Database ahead of LS2.



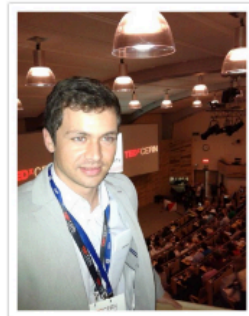
@Pascal Le Roux



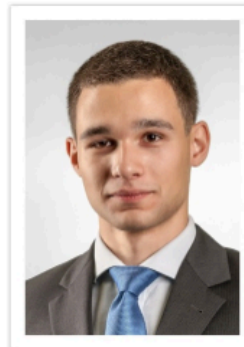
@Eve Fortescue-Beck



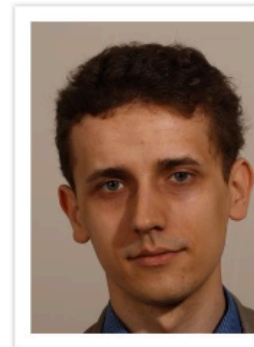
@Margarita Chrysoge



@Hernan Diaz Rodriguez



@Maciej Piotr Suchecki



@Pawel Wilk

Left 2 weeks ago

Part time on Layout

Web Development in BE-CO-DS

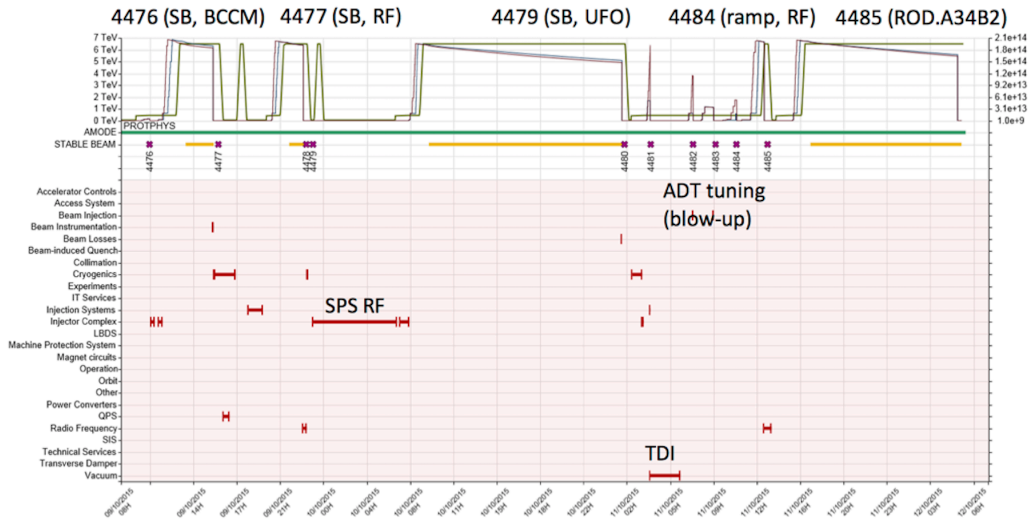
Controls Configuration Service (CCS)- led by Lukasz Burdzanowski, and currently under development.

Must start gradually moving into production over the next 2 years - phasing out legacy CCS Oracle APEX applications ahead of LS2.

		
@Ana Lameiro Fernandez	@Anti Asko	@Jose Rolland Lopez De Coca
		
@Katarzyna Penar	@Lukasz Burdzanowski	

Web Development in BE-CO-DS

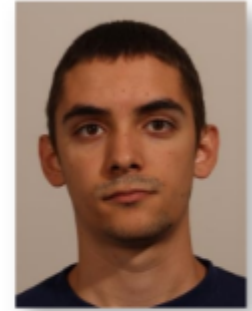
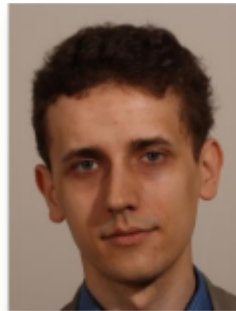
AFT - led by Chris Roderick, and currently in production & active development.



Friday
8 a.m.

~ 50 % availability

Monday
8 a.m.



Part time on AFT

Left 2 weeks ago

Part time on AFT

@ Chris Roderick

@ Pawel Wilk

@ Maciej Suchecki

@ Hernan Diaz

@ Daniel Martin

Background & Motivation for ACW

In order to **avoid development chaos**, duplication of efforts, libraries, build and deployment processes – ending up with single-expert systems and a maintenance nightmare...

Started **Accsoft Commons Web** (Common Web software in the accelerator domain) in January 2016.

~Weekly meetings bringing together experts / active developers in an attempt to share development news/problems/solutions

Aim: **streamline development, ensure common choices** (process, styles, UI components) etc.

ACW Purpose & Goals

Desire to have:

Common look and feel for all of our applications – **give our users a familiar and consistent user experience.**

A **basis with which to form an agile workforce** - having the flexibility to move people to different projects according to the needs, but with out a high initial learning cost.

... means same technologies, development tools, plus development, build and deployment processes...

ACW Practices & Results

We are all using the **same technologies and architecture** (see next talk).

Maintain an inventory of 3rd party components we are using for what.

We are all developing and deploying using the **same tools**.

Agreed that everything should be reviewed – **code reviews** (Crucible) often **include external developers** (not in the immediate project team).

The whole process (weekly meetings, code reviews, coffee discussions, etc.) brought together members of distinct teams to work together to **solve common problems in common ways**.

Led to concrete development of:

- Ready-to-run template for new Web projects (**ACW Seed Project**)
- Specific artifacts / components to easily share / distribute / profit from further evolution & maintenance.

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