



PANDA DCS Core (group) Meeting

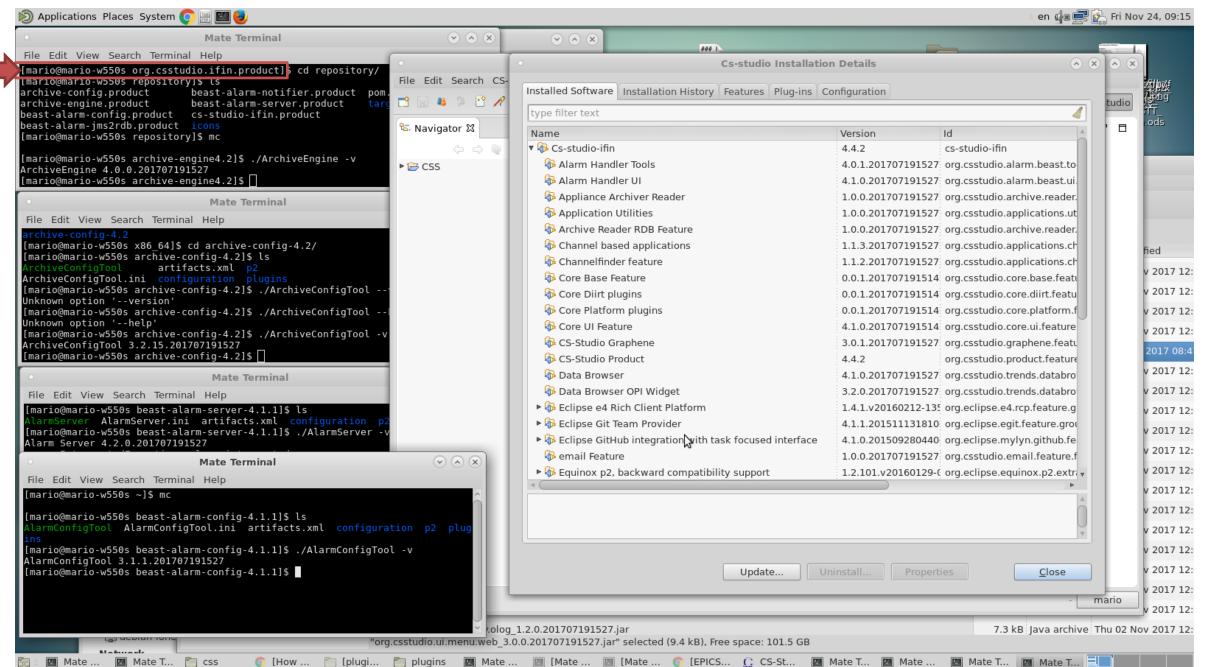




Controls Requirements Summary Table

Panda sub-system	Hardware Controls								SW and/or HW Interface with				Details	Contact person
	ΗV	LV	FEE	GAS	VAC	COOL	MOV	OHW	TRIG	HESR	OSYS	DSS		
Pellet Target	1	1	0	1	1	1	1	1	1	1	1	1	0	Alexander Gerasimov
Cluster Jet Target	0	0	0	1	1	1	1	1	0	1	1	1	1	Bogusław Zwięgliński
Micro Vertex Detector	1	1	1	1	1	1	1	0	1	1	1	1	1	Hans-Georg Zaunick
Straw Tube Tracker	1	1	1	1	0	1	0	1	1	1	1	1	1	Mario Bragadireanu
Planar GEM Trackers														Berndt Voss (?)
Barrel DIRC	1	1	1	1	0	1	1	1	0	1	0	1	1	Carsten Schwarz
Barrel Time of Flight (SciTil)	1	1	1	1	0	1	0	0	1	0	0	1	1	Ken Suzuki
Forward Tracking	1	1	1	1	0	0	0	0	0	1	0	0	0	Jerzy Smyrski
Endcap Disc DIRC	1	1	1	1	0	1	0	0	1	0	0	1	1	Avetik Hayrapetyan
Forward RICH	1	1	1	1	0	1	1	0	1	0	0	0	0	Sergey Kononov
Forward TOF	1	1	1	0	0	0	1	0	1	1	1	1	0	Denis Veretennikov
Barrel EMC	1	1	1	1	0	0	0	0	0	1	1	1	1	Tobias Triffterer
Backward Endcap EMC	1	1	1	1	0	0	0	0	0	1	1	1	1	
Forward Endcap EMC	1	1	1	1	0	1	0	0	0	1	1	1	1	
Forward Shashlyk Calorimeter	1	1	0	0	0	0	1	1	0	0	0	0	1	Sofia Bukreeva
Luminosity Detector	1	1	1	0	1	1	1	0	0	1	1	1	1	Florian Feldbauer
Muon System	1	1	1	1	0	0	0	0	0	0	0	1	0	Nikolay Zhuravlev
Hypernuclear Target Sys	1	1	1	0	0	0	1	0	0	1	1	0	0	Michael Bölting
Hypernuclear Ge Det	1	1	1	0	0	1	0	0	1	0	0	0	1	Marcell Steinen
Solenoid	0	1	0	0	0	0	0	1	0	0	0	0	1	Alexandr Erokhin
		1												Anastasios Belias
Dinala														Dieter Prassuhn
Dipole														Anastasios Belias
Total (21 Sub-sys, 19 replies)	17	18	15	13	4	11	9	6	8	12	10	13	13	

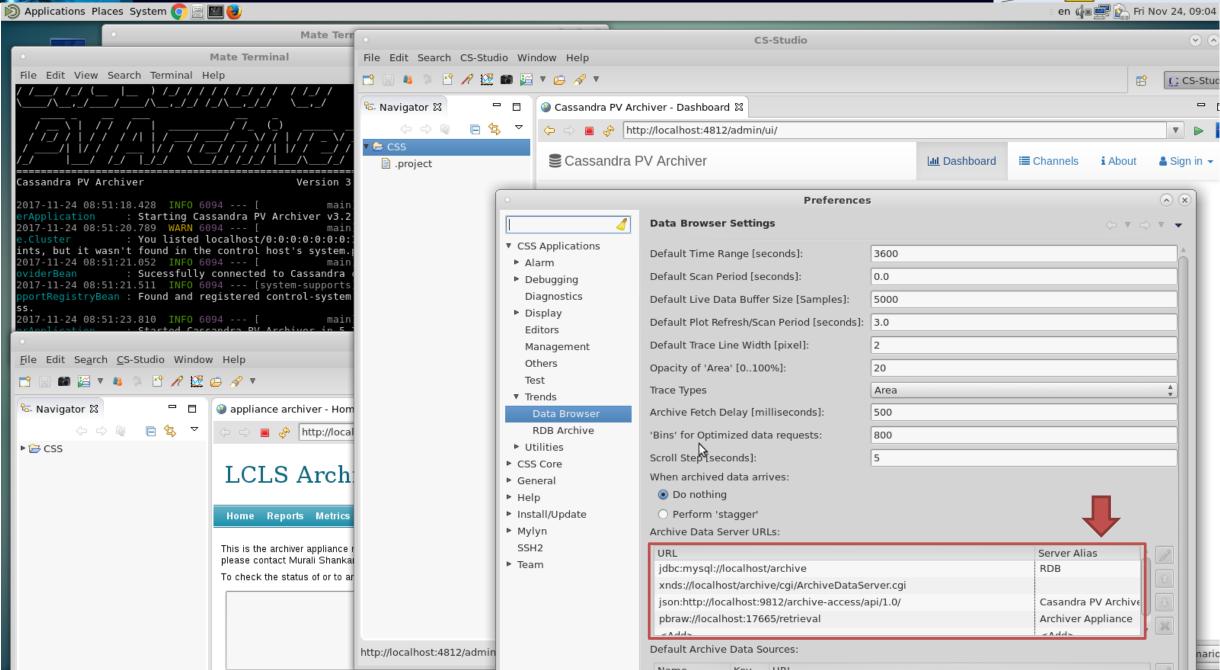




IFIN-HH

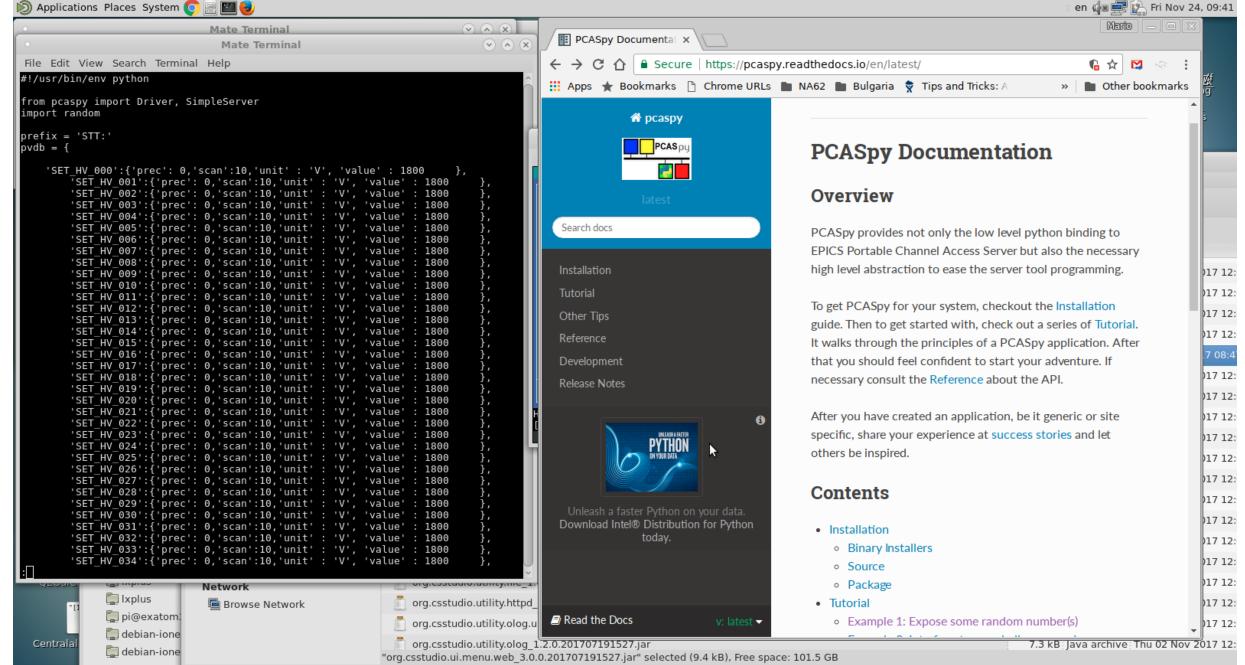
PANDA DCS Core Meeting, eZuce, 24 November 2017, Alexandru-Mario Bragadireanu, IFIN-HH





Applications Places System ()

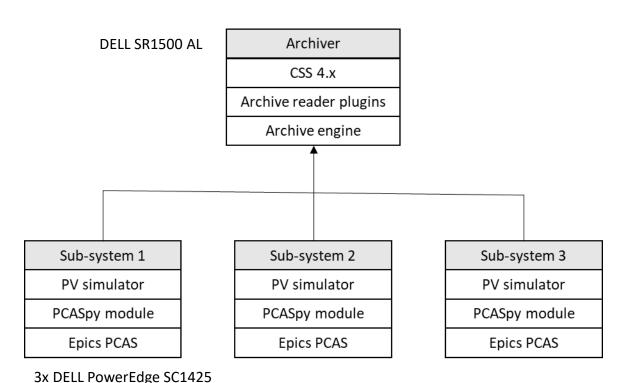








Controls -Software proof of concept



Proof of concept available in IFIN-HH:

Hardware: reused from local PANDA grid

- In 2018 we can upgrade to a PowerEdge VRTX blade system Archiver
- RDB Archive Engine;
- Archiver Appliance;
- Cassandra PV Archiver

PV-simulator: STT HV &LV (1248 PV's on each node)

- it can be easily scaled up by increasing the number of prefixes to the PV names