

News about data acquisition and (on-line) analysis

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Computing environment, DAQ, electronics

Computing & experiment preparation

- VMS is no longer supported! (accounts blocked)
- (AIX,) Linux, Win-NT supported
- PROFI accounts not for individual experiment use (except for MBS)

Data acquisition (DAQ) and electronics

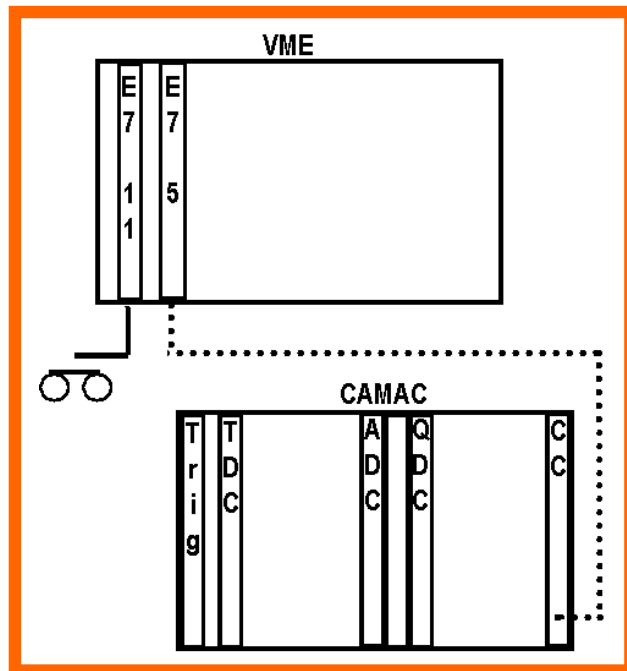
- Multi-Branch System MBS is standard
- FRS standard readout being modernized (move to VME, continued CAMAC support)
- RISING requires special solutions

(On-line) analysis

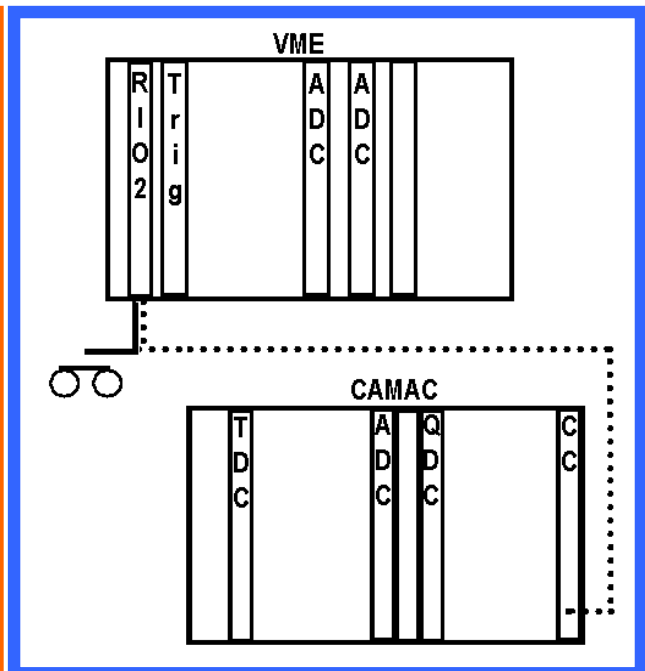
- Definite phase-out of GOOSY (end 2003)
- PAW can still be used (Linux)
- Go4 replacement “under construction”

Very important to discuss detector, DAQ and electronics requirements **well in advance of your beamtime!**

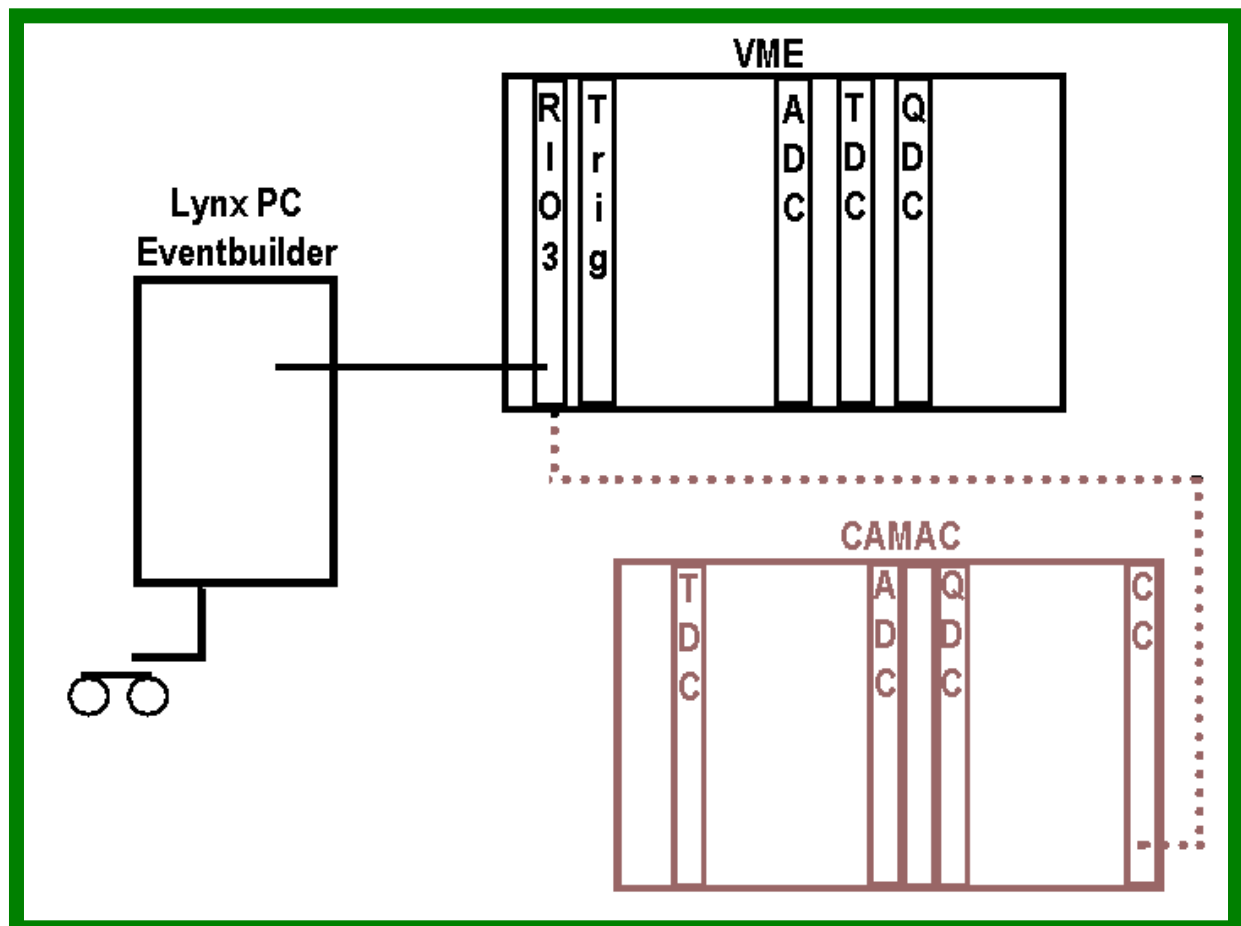
OLD



NOW (TESTS)



NEAR FUTURE



VME modules available at the FRS

CPU:

2 CES RIO-2 processors

to come:

1 CES RIO-3 processor

modules:

2 CAEN V785 32-ch peak sensing ADCs

2 CAEN V775 32-ch TDCs

1 CAEN V792 32-ch charge ADC (QDC)

1 CAEN V830 scaler

Ancillary

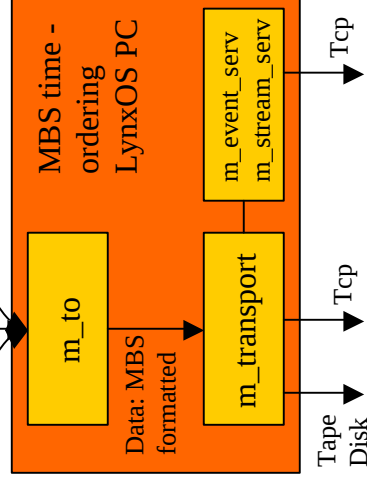
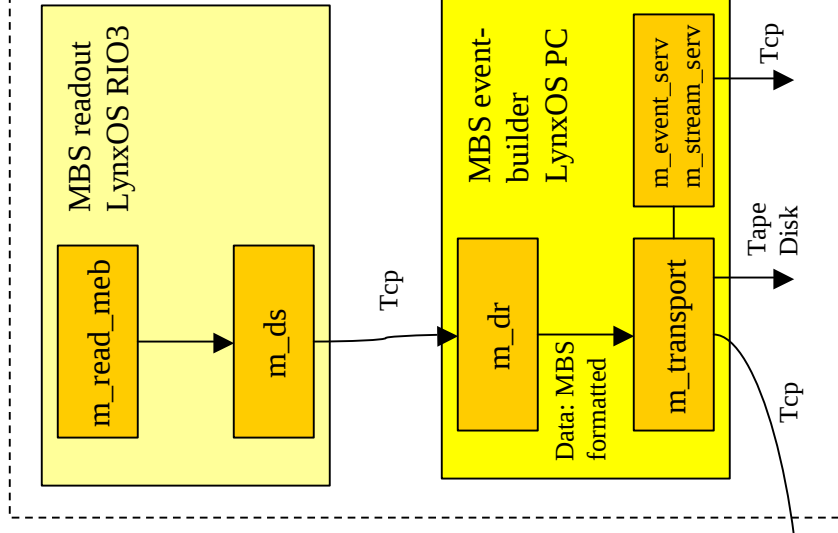
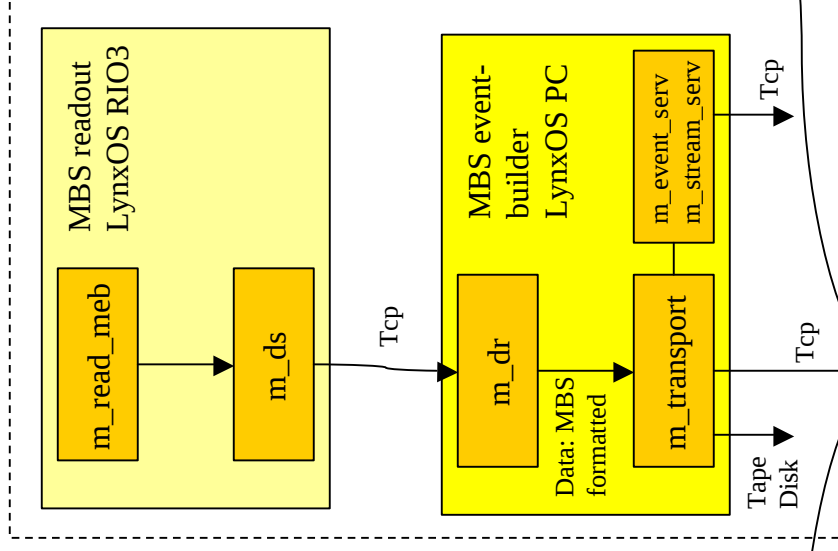
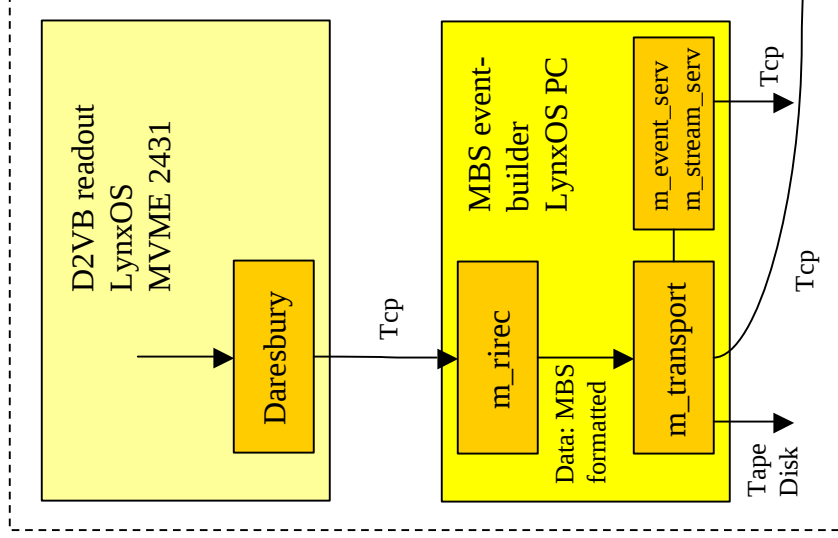


All subsystems inside the dashed boxes are able to run as independent MBS systems.

Gamma

FRS

Ancillary



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RISING DAQ

N.Kurz, GSI, 02-Jul-2002



GSI ONLINE OFFLINE OBJECT ORIENTED

- * Go4 is the new GSI standard analysis tool
 - * It is a development based on ROOT
- * A Go4 for "standard" FRS operation is being developed

For more information, visit the Go4 website:

<http://go4.gsi.de>