

# Conclusions of the hardware meeting

- “mission”
- list of projects
- other topics
- progress so far

# Scope of the meeting

- get an overview on the ongoing hardware projects
  - status
  - functionality / limitations wrt final design goal
  - experience / found problems
  - implementation alternatives
  - used software
  - status of interface definitions
  - plans to integrate
  - documentation

# Ongoing projects

- LVDS link prototype with generic III (Dominique) advanced
- DAQ Link with generic II (Attila, Lucien) debug / advanced
- RUI prototype with generic II (Christoph) limit. / advanced
- TTC setup to integrate into DAQ column (Claude) advanced
- RUM (Dominique, Georgie) debug
- RCN / EM (Ishiro) advanced
- BU (James B. et al; no contribution) advanced ???

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7 projects      9+ persons

# Progress so far

- This list is **INCOMPLETE** and refers only to the projects at CERN
  - DAQ-Link : the hunt for the lost byte has started  
no Flow Control implementation yet
  - RUI : a version usable for XDAQ exists  
no interface to Link yet (events are generated internally on “PCI trigger”)
  - TTC : OO software has been prepared  
missing signals still to be implemented
  - RUM : debugging continues

# Other Issues discussed

- Time lines for a serial production (Dominique)
  - Conclusion : Must start with production of final protoype start of 2002
  - Discussion : May be there is even less time (burocracy for financing, contingency for compnent delivery problems)
  - What about the preseries production in 2003?
- New event-builder scheme (Sergio)
  - was generally appreciated
  - it was proposed that this design will become our new baseline design
  - some more reflection (meeting) before final decision