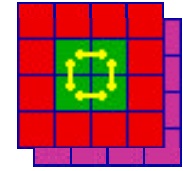# Firmware working group: 'recent' developments
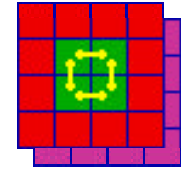
o **Synchronicity Demo (18th March)**
  - o Tour of functionality
  - o Connectivity
  - o Cost

o **Clarifying email (31st March)**
  - o Eg 'outside' files, other tools

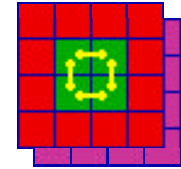o **Synchronicity Implementation**
  - o Ask Ian et al

Synchronicity demo

- o   Richard Lawrence, Paul Hardy of RAL MSC
- o   Features
  - o   Single repository (Vault) server – usually UNIX
  - o   Client access local, UK-wide and international – UNIX/Linux/PC
  - o   Design Sync – main repository access GUI
    - o   But also integrated with Mentor HDL Designer
  - o   Project Sync – web based project management tool
- o   Demo
  - o   Simple design check in/out of system, and modified
  - o   File upload/download was rather slow
- o   Cost
  - o   Use RAL server – already available
  - o   480 Euros per licence up to 10
  - o   300 Euros thereafter
  - o   50 Euros remote site licence for client access

MY Conclusions

o It's a an archiving system
- o IMHO, no worse or better than another
- o as long as speed we saw is not normal

o It's cheap
- o but not free, unlike, say CVS

o Basic HD is well integrated
- o What about 'side files' ?
  - o Note: proposed change to pin layout for CP serialiser

o It's already available at RAL, so might as well use it here
- o But how do we convince others to use it?