Strategy for development of new software

- We are convinced of the importance of the architecture
  - architect (experienced designer) and design team (domain specialists)
- Identify components, define their interfaces, relationships among them
- Build framework from implementations of these components
  - "framework is an artefact that guarantees the architecture is respected"
  - to be used in **all** the LHCb event data processing applications including : high level trigger, simulation, reconstruction, analysis.
  - Build high quality components and maximise reuse
- Incremental approach to development
  - new release every two months
  - gradually add functionality
  - use what is produced and get rapid feedback