1. Machine Specific Software
   - QMC: Threaded library for multi-core
     - Evaluation of Message Passing vs Threads
     - Integrate with QDP at Level-2
   - QMP: Native implementations and extensions
     - Native QMP over Infiniband, BlueGene
     - QMP ports to new architectures
   - QLA: Linear Algebra routines
     - Opteron optimization on Cray XT3
     - 64-bit ports and Intel/SSE3 optimization
     - QCDOC, BGL and new architectures
   - QOP: Level-3 Code
     - Level-3 highly optimized kernels

2. Infrastructure for Application Code
   - Support for QCD API
     - Integration and optimization of QCD API
   - Documentation & Regression testing
   - User support (training workshops)
   - QCD Physics Toolbox
     - Shared algorithms and Building Blocks
     - Graphics and Visualization
     - Workflow and Data Analysis
     - Performance Analysis
     - Multigrids algorithms (with TOPS)

3. Uniform Computing Environment
   - Common runtime environment
   - Data Management
   - Support for grid and ILDG
   - Monitor and control large systems
   - Accounting Tools