Merge Requests (RAVEN):

* 37: fixed spelling with regards to “knonwn”
* 38: fixed spelling with regards to “queuing”
* 66: Static sparse grid collocation for gPC, user-defined anisotropy
  + SparseGrid Sampler
  + GPC ROM
  + TP, TD, HC index sets
  + Directly compatible with uniform, normal, Gamma, and Beta
  + Indirect compatibility with any variable with CDF, PPF
  + Legendre, Hermite, Laguerre, Jacobi, Clenshaw Curtis quadratures
  + Legendre, Hermite, Laguerre, Jacobi polynomials
* 68: Picking the SCgPC ROM
* 71: Parallel sparse grid generation
* 76: Improved normalization scheme for SCgPC ROM
* 77: Fixed RAVEN’s normalization scheme with regards to SCgPC ROM
* 78: Fixed order-of-variable randomization in RAVEN
* 82: Added job reference tags to PBS queued jobs
* 83: Fixed parallel job node request quantity in PBS queued jobs
* 94: Fixed a problem reading HDF5 databases from terminated PBS jobs
* 104: Increased interpolation options for SCgPC ROMs (ClenshawCurtis nodes)
* 111: Added construction options for Beta distributions, improved test coverage
* 112: Added truncated-normal-like Beta distributions
* 124: Implemented Generic Code Interface for interfacing with codes
* 130: Optimized normalization routines for polynomials and distributions
* 139: Implemented HDMR/Sobol decomposition
* 144: Made a message handling system for RAVEN
* 146: Implemented method to allow ROMs to print information to file
* 149: Implemented “restart” method for SCgPC sampler
* 159: Added a “verbosity” tool to regulate messages in RAVEN
* 167: Automatized testing regime to ensure accurate test coverage
* 175: Added “restart” methods for other sampling strategies
* 202: Custom, user-defined polynomial index set
* 227: Enhanced testing harness for XML outputs
* 229: Adaptive SCgPC, single target
* 235: Adaptive SCgPC, multitarget
* 243: Added timestamps to message handling system in RAVEN
* 245: Clarified error messaging for correlated distributions and SCgPC process

Merge Requests (CROW):

* 7: Implemented shifting, scaling for Gamma, Beta distributions
* 15: Expanded testing for existing distributions
* 17: Added shifting parameters for Exponential, Lognormal, Weibull distributions

Totals: 581 Commits