Proposed Priorities for Chapel 1.18

Chapel Team, Cray Inc.
Chapel version 1.17
April 5, 2018
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Top Priorities

- Complete Initializers / Deprecate Constructors
- Delete-Free Programming / Borrow-Checking
- Error-Handling
- Libfabric Support
- Python Interoperability
- Dataframes Library
- HDF5 Support
- Partial Reductions
- LLVM back-end
- Support for UTF-8 Strings
- Enumerated Type Improvements
Additional Priorities

- Overrides Methods / Pure Virtual Methods
- Constrained Generics
- Hyper-Parameter Optimization Use Case
- Harden I/O Library Interface
- Sparse Array Domain Improvements
- Parallel I/O
- NetCDF
- Mason Improvements
- Performance / Scalability Improvements
- GPU Library Interoperability
- Explore Jupyter Notebook Support
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