



Proposed Priorities for Chapel 1.18

Chapel Team, Cray Inc.
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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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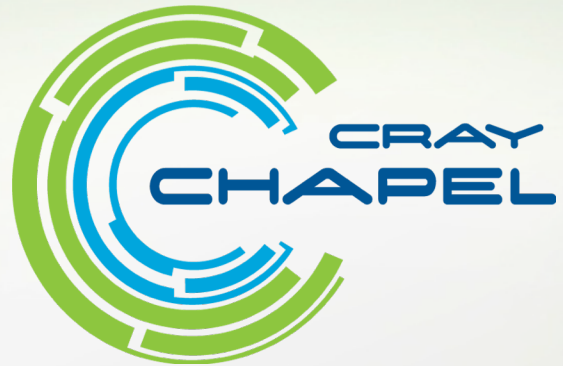
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