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| --- | --- | --- | --- |
|  | Programming  Model | Monitor and control all non-determinisms | Customization for optimization |
| Single node | IDL-based code generation + event handler filling + declarative computation-resource mapping | All non-determinisms are either controlled by code generation or they go through the Service API (as required) | All low level components such as locks, queues, and network library can be customized and/or replaced |
| Self-contained service | annotations + helper routines | + non-determinisms captured and controlled through code generation | TBD |
| Distributed workflow atop of multiple services | declarative workflow composition language |