

Approach	DSL	MPI	Threading	Data layout	Kernels	Language	Compilation
PSyKAI	Yes	Yes	Yes	Fixed	User-supplied	Fortran	Static
GridTools	Yes	No	Yes	Flexible	Generated	C++	Static
Firedrake	Yes	Yes	No	Fixed	Generated	C with Python interface	Runtime
Kokkos	No	No	Yes	Flexible	User-supplied	C++	Static
OCCA	No	No	Yes	Fixed	User-supplied	C (Python & Fortran interfaces)	Runtime