

## Geodynamics

Global-Scale Challenges

Regional-Scale Challenges

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## Production Codes

StagYY

I3ELVISplanet

I3ELVIS

LaMEM

...

## StagBL

StagBLDemo

Examples

Documentation

Base Settings

Tests

PETSc

HDF5

ILUPACK

Direct  
Solvers

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## StagBL Core

DMStag

DMYY

StagBLGrid

StagBLArray

StagBLGridYY

StagBLSystem

StagBLSolver

Scalable I/O

Lightweight Profiling

MG Analysis

Transfer Operators

Stokes Operators

Stokes Smoothers

Particle Operations

## Backends

CUDA

OpenCL

AVX2

OpenMP

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