

CIBC Workshop 2008



SCIRun Part 2: Fields and Vis

Fields: Mesh + Data

Geometry

Regular

Irregular

Data

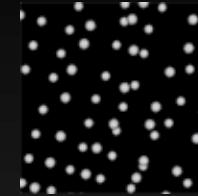
int, float, double, ...

Vector, Tensor, ...

Data_at (center)



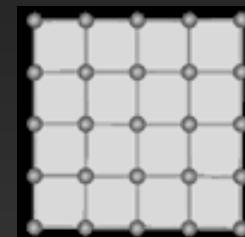
ScanlineField



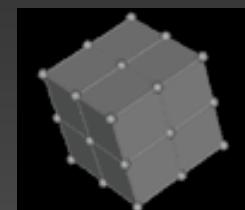
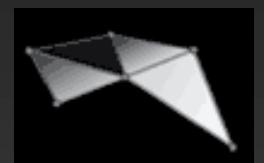
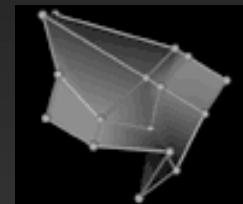
PointCloudField



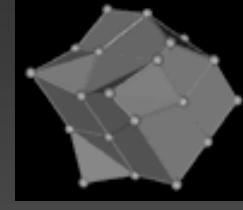
CurveField



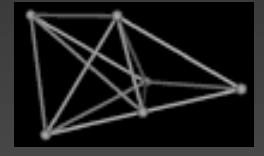
ImageField **QuadSurfField** **TriSurfField**



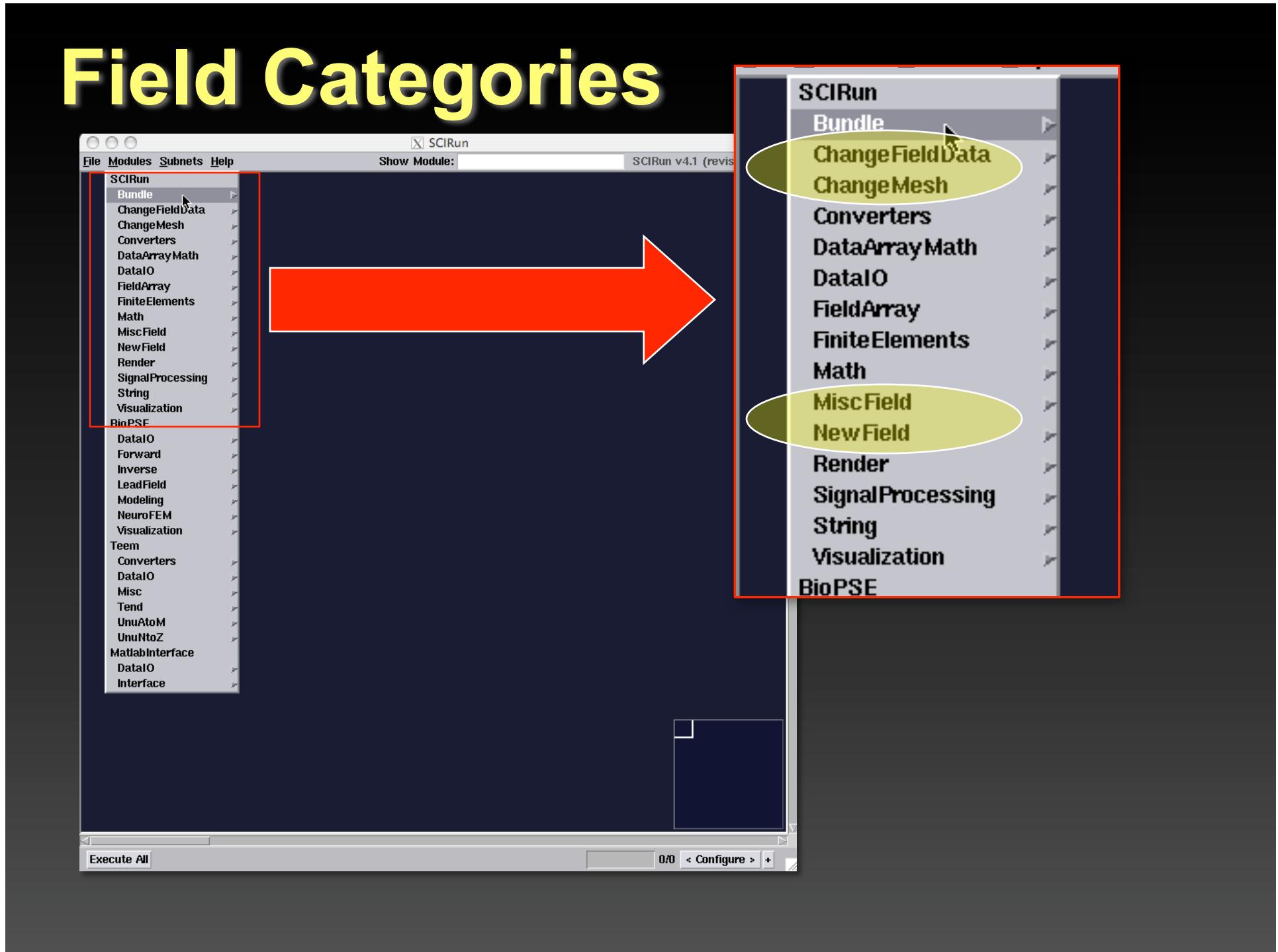
LatVolField

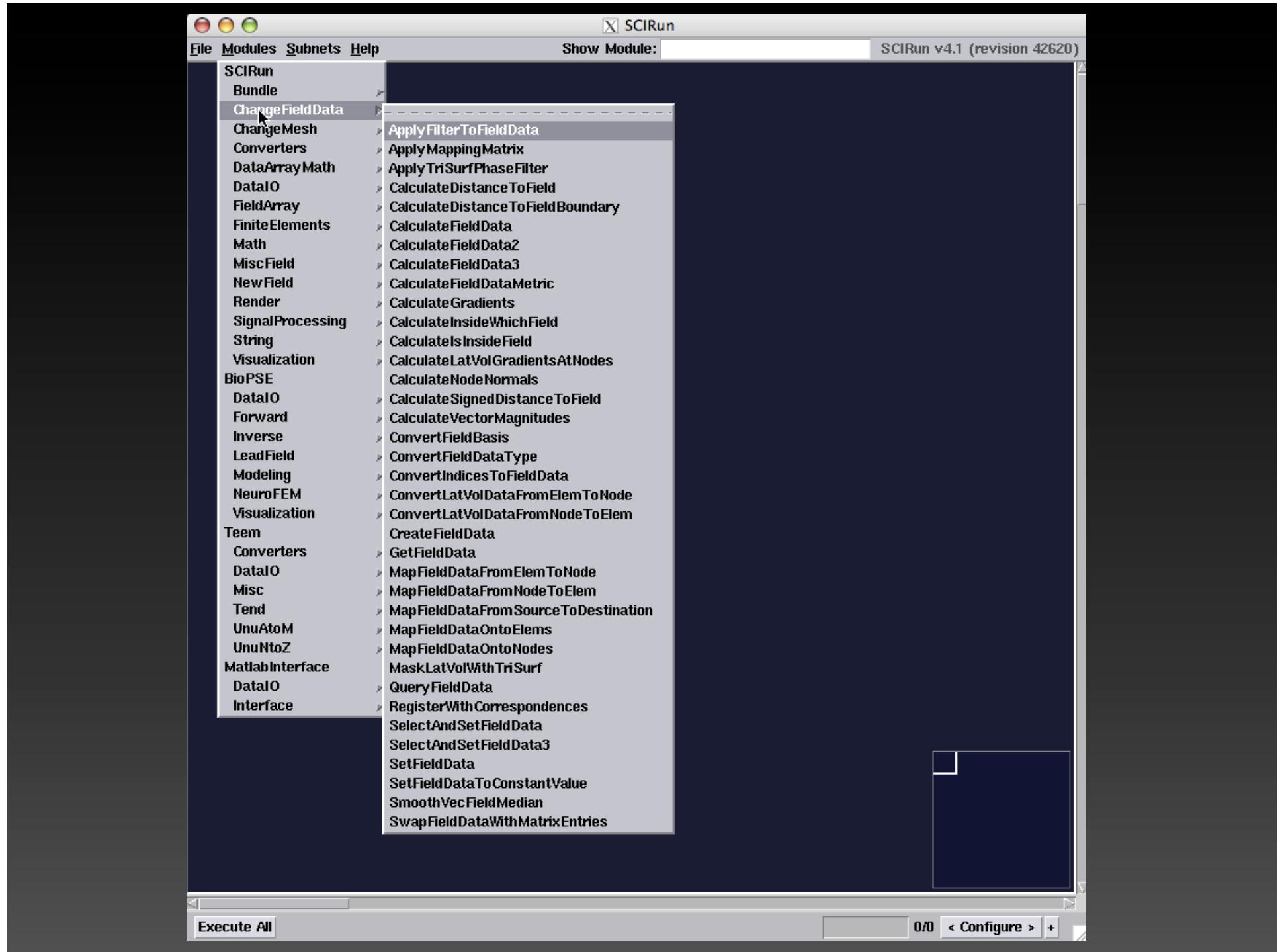


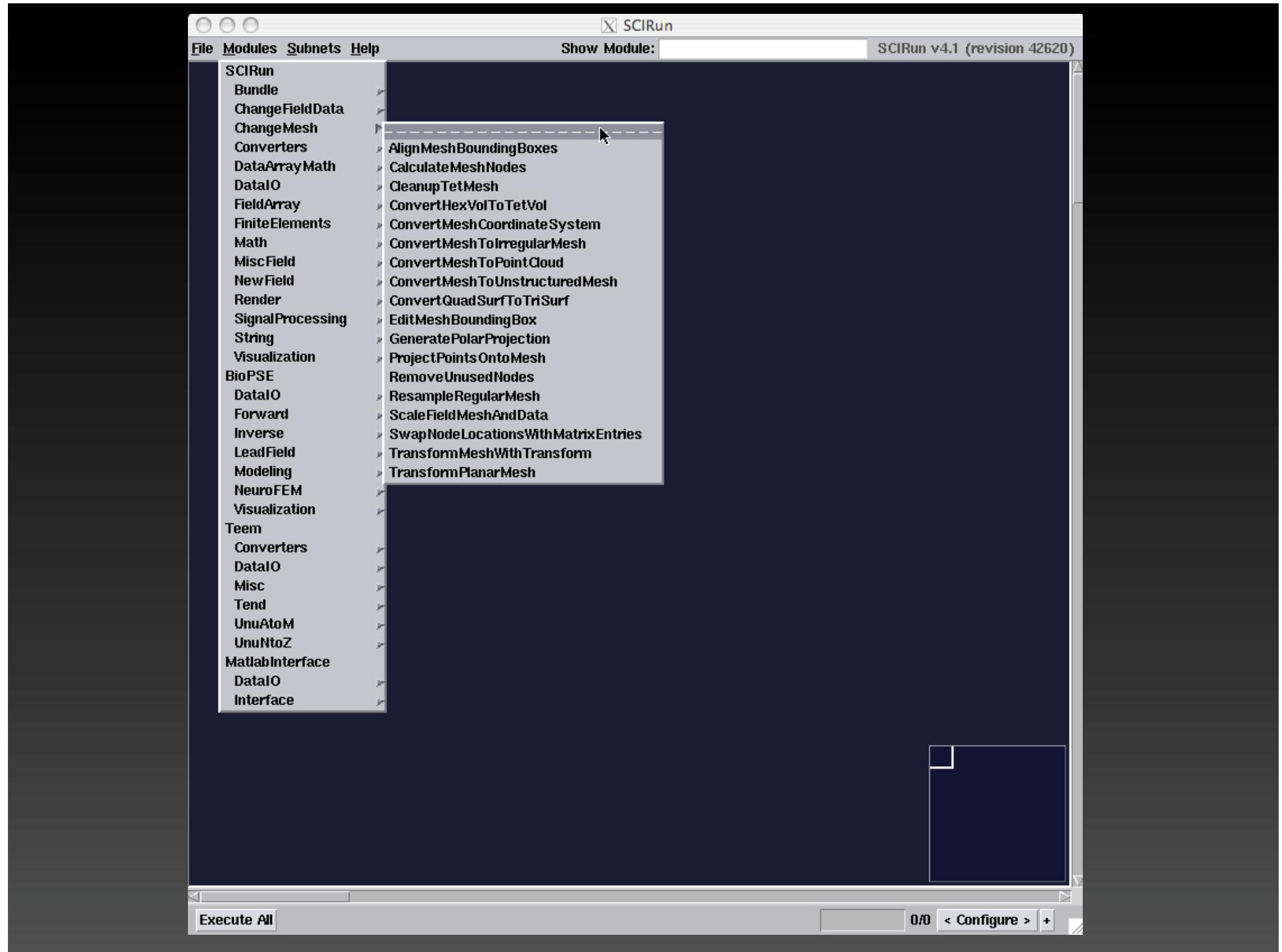
HexVolField **TetVolField**

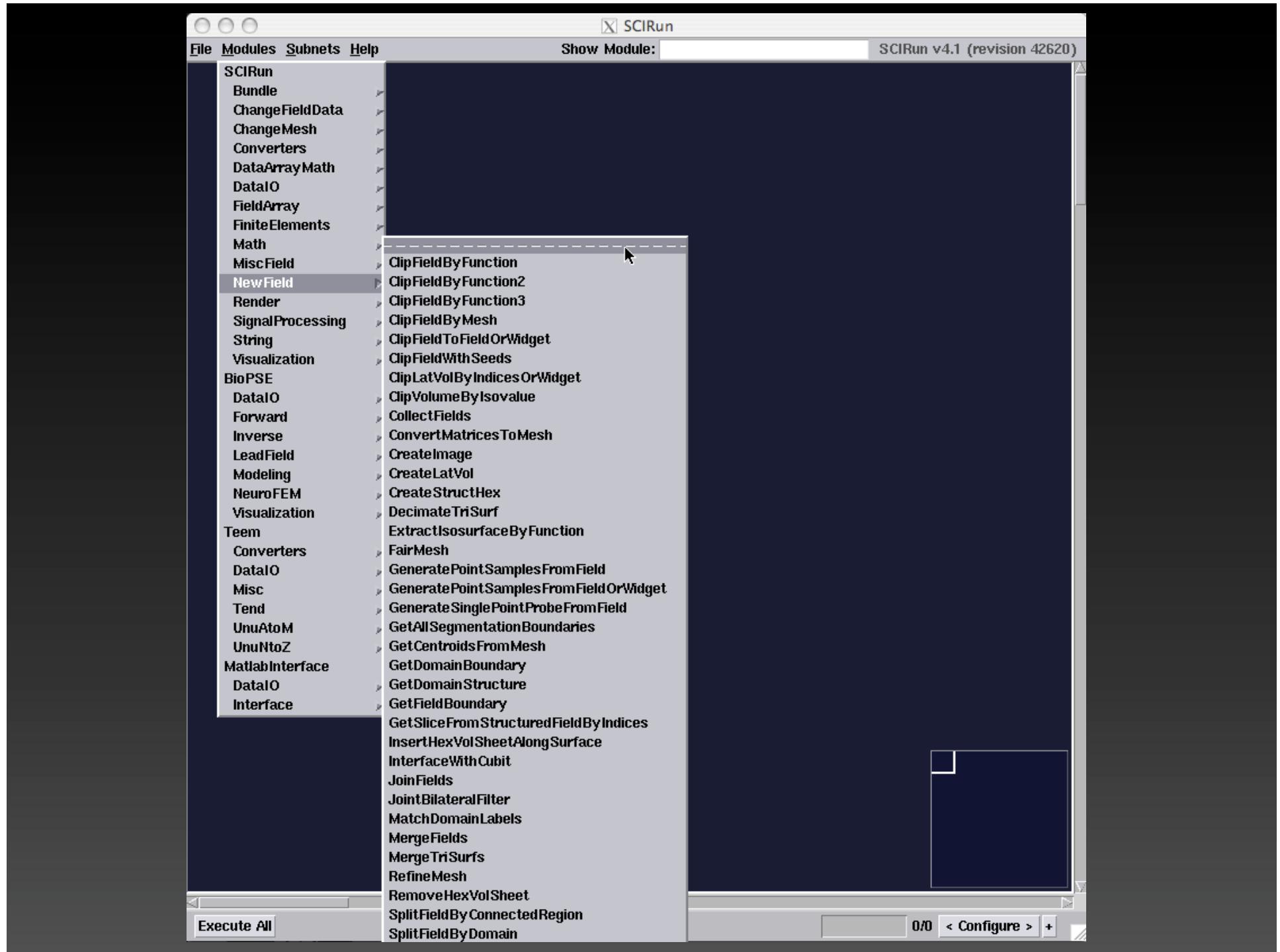


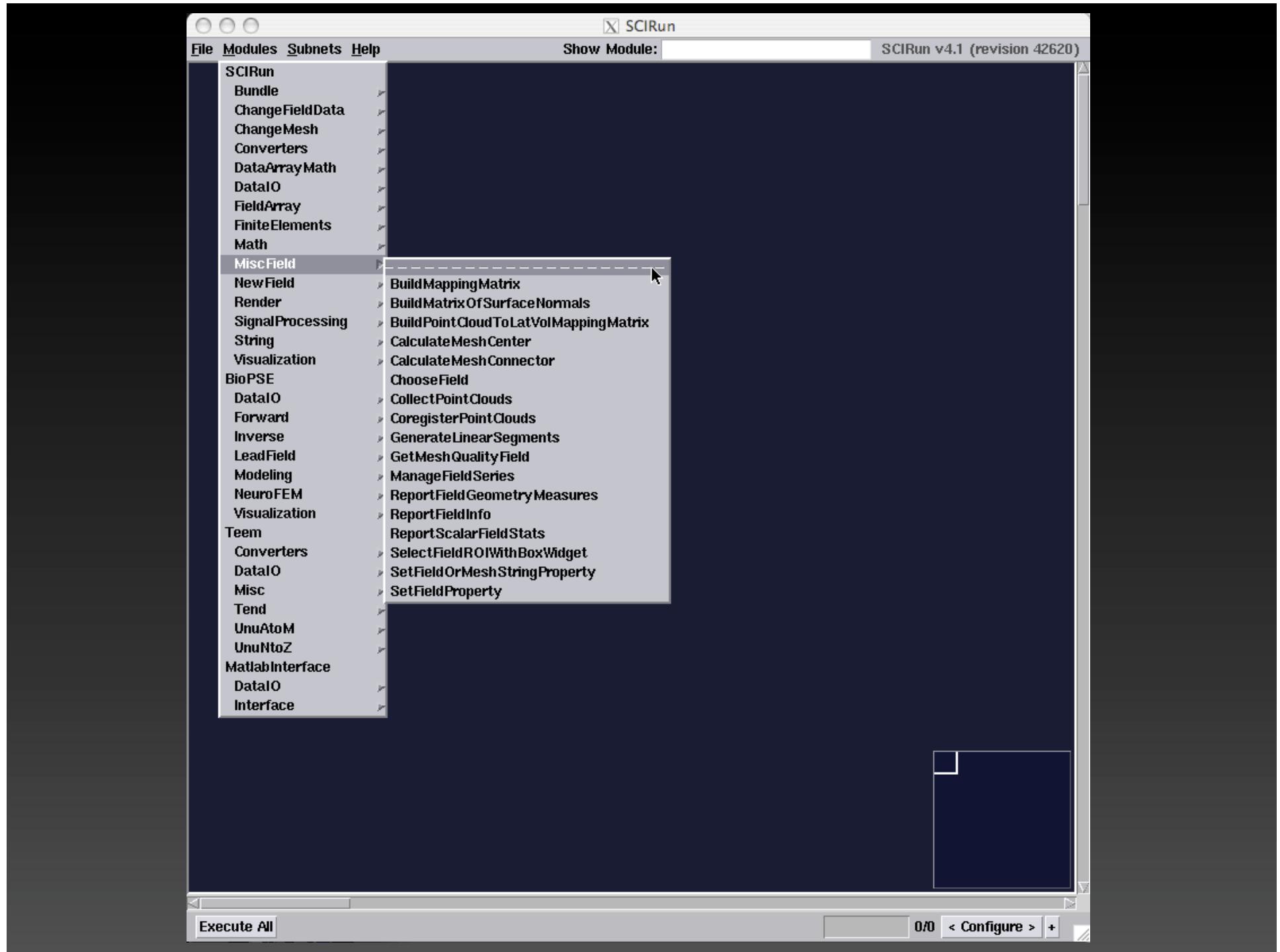
Field Categories



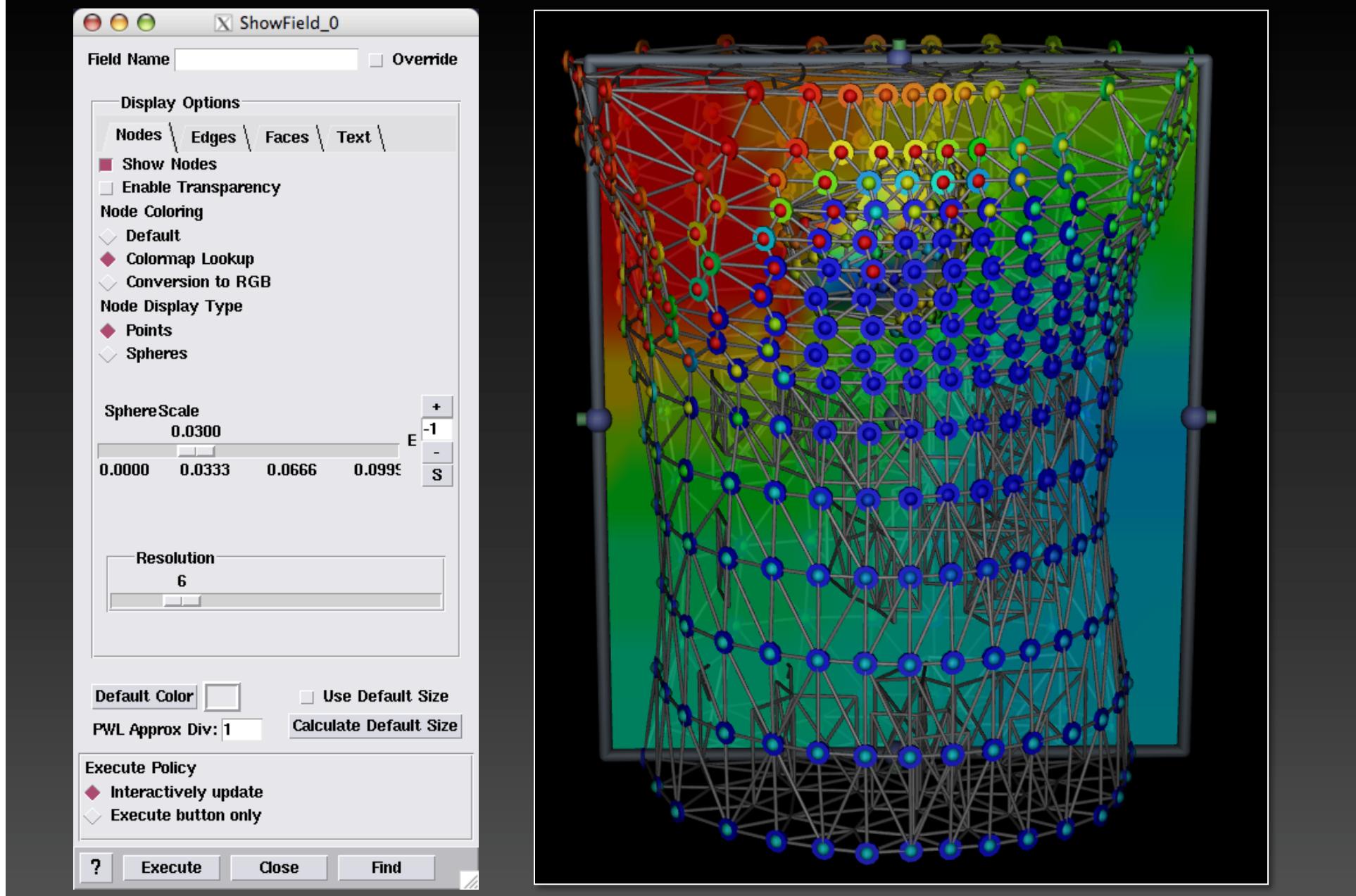




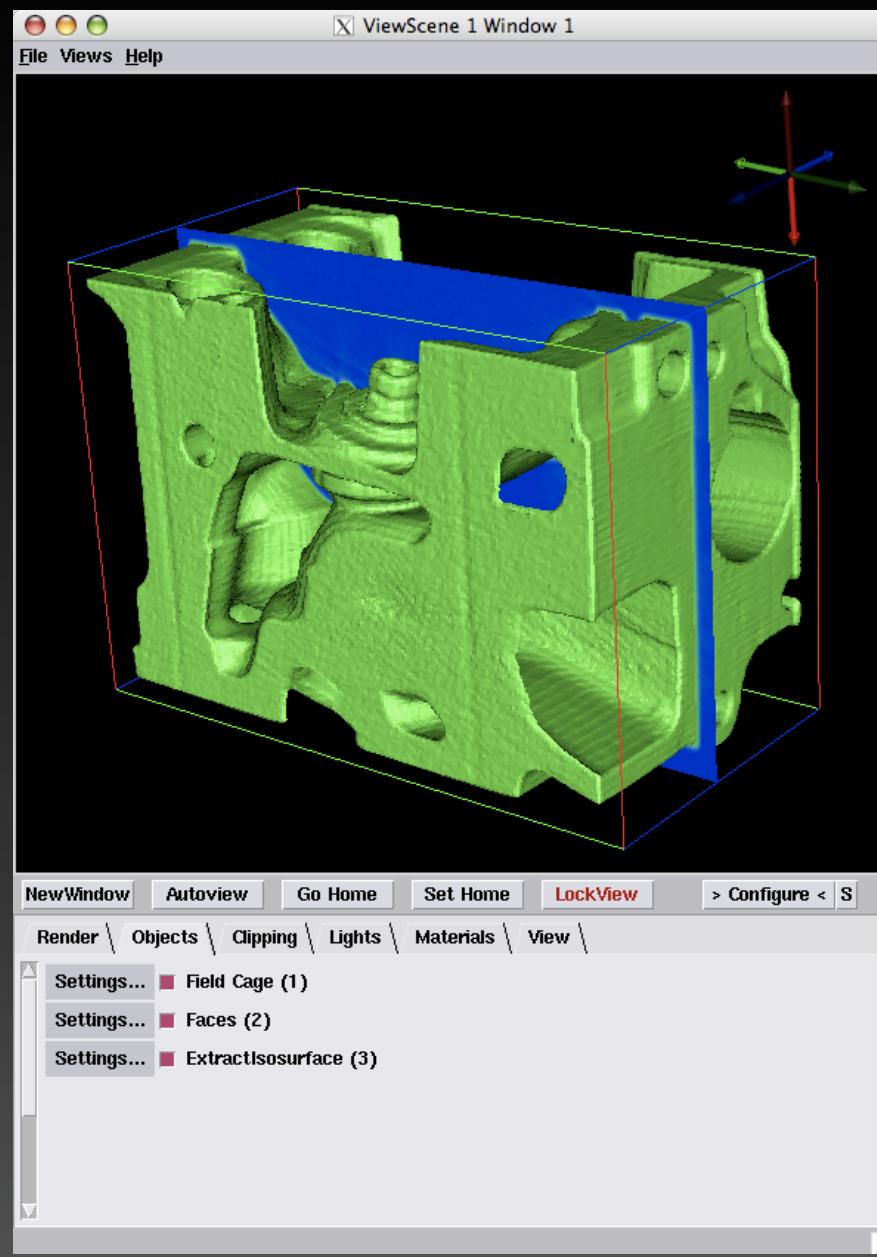




SCIRun::Visualization::ShowField



SCIRun::Render::ViewScene



Lab 3 (part 2)

