

Two Dimensional Meshing Examples

Name	Description	Outer Boundary	Inner boundaries	Chain	Parametric Equation	Circular Arc	Spline	Line	Refinement Center	Refinement Line	Multiple Materials
All Features	Toy example that exercises all features available										
Bone and Marrow	Large circular domain with two embedded interior boundaries		2								
Box with refinement	Square domain with refinement regions										
Cavity Ramp	A cavity domain with a sloping ramp on the exit side										
Circles3	Two circles enclosed by a large circle		3								
East Coast US	Portion of East coast of USA from NYC to Jacksonville										
Ellipse and 4 Circles	Four circle enclosed by a large ellipse		4								
Gingerbread Man	Geometry with lots of holes		6								
Half Circle	Upper half circle										
Indian Ocean	Complex domain with islands and inlets		3								
KT3 Element	Three element Karman-Trefftz airfoil		3								
NACA0012	Standard Airfoil geometry		1								
Pill	Oblong domain with interior circles		3								
Spline Geometry	Free form domain defined as a spline										
SuperiorMain	Coastline of Lake Superior										
Square	Uniform Cartesian mesh										