

5d Plane Creation

Any class

SegmentationWrapper

RansacPlaneFitting

Plane3DUtils

MDI_app_state

SceneTr

CSG

rebuildSceneAfterSegmentation()

loop

[for each Index]

reconstructPlane(points, texture, Index)

getCurrentSceneTr() :SceneTr

:SceneTr

getCsg_tree() :CSG

:CSG

new RansacPlaneFitting(points)

«create»

doRansac()

getResults() :plane

:plane

getPlane(Index)

:CSG_Plane

findBestVisualization4(plane, lines, points, Index) :GeometryArray

:Geometry Array

setGeom (GeometryArray)

setColor(color)

setTexture(texture)

