

REGION Command — GstarCAD 2027

3512 kbadmin September 25, 2026 [Command Reference](#) 0 9

REGION Command

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Commands > R Command > REGION

Function Description:

This command is used to convert objects in a closed area into a 2D region object.

The 2D region objects are created by closed shapes or rings. Users can select closed polylines, lines or curves to create closed regions. The closed curve can be arcs, circles, elliptical arcs, ellipses, and splines. Users can combine several regions to a single complex region object.

The closed 2D polyline and exploded 3D polyline in selection set can be converted to a single region object, and then the polylines, lines and curves are formed closed planar rings. If more than two curves shared one vertex, the formed region may be uncertain.

The boundary of the region is connected end to end by curves. One vertex only can be shared by two edges. Intersection points or curves are not allowed in region.

If the selected polyline smoothed by Spline or Fit option of the PEDIT command, the final region contains the smoothed lines and arcs geometries. This polyline will not be converted to a spline.

If the DELOBJ system variable is not set to 0, the REGION command converts the original objects to regions and deletes all original objects. If the original objects are hatched, the REGION command discards

all association of them. Users can hatch the region again to restore all association.

Command Access:

Menu: Draw > Region

Ribbon: Home > Draw > Region

Toolbar: Draw > Region

Command: REGION

Alias: REG

Icon:

Command Prompts:

Select object:

Related References[?]

- [Commands about Regions and Areas](#)

Related Tasks[?]

- [To Work With Regions](#)

Other versions with matching text

[2023](#) · [2024](#) · [2025](#) · [2026](#)

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