Select All by Trait

Non-Manifold

Reference

Mode:
      Edit Mode
Menu:
      Select ‣ Select All by Trait ‣ Non-Manifold

Selects the Non-manifold geometry of a mesh. This entry is available when editing a mesh, in Vertex and Edge selection modes only.

Extend
      Lets you extend the current selection.

Wire
      Selects all the edges that do not belong to any face.

Boundaries
      Selects edges in boundaries and holes.

Multiple Faces
      Selects edges that belong to three or more faces.

Non Contiguous
      Selects edges that belong to exactly two faces with opposite normals.

Vertices
      Selects vertices that belong to *wire* and *multiple face* edges, isolated vertices, and vertices that belong to non-adjoining faces.

Loose Geometry

Reference

Mode:
      Edit Mode
Menu:
      Select ‣ Select All by Trait ‣ Loose Geometry

This selection depends on the currently selected Selection Modes; In vertex and edge selection mode it selects all vertices or edges that do not form part of a face. In face selection mode it selects all faces that do not share edges with other faces.

Interior Faces

Reference

Mode:
      Edit Mode
Menu:
      Select ‣ Select All by Trait ‣ Interior Faces

Selects faces where all edges have more than two faces.

Faces by Sides

Reference

Mode:
>   Edit Mode

Menu:
>   Select ‣ Select All by Trait ‣ Faces by Sides

Selects all faces that have a specified number of edges.

Select By Pole Count

Mode:
>   Edit Mode

Menu:
>   Select ‣ Select All by Trait ‣ Select by Pole Count

This operator selects all elements connected to Pole vertices, based on the number of edges connected to each pole.

- In vertex selection mode, pole vertices are selected.
- In edge selection mode, pole vertices and all their connected edges are selected.
- In face selection mode, pole vertices and all their connected faces are selected.

Before selecting poles.	After selecting poles.

Pole Count
>   Specifies the number of edges a Pole must have to be included in the selection.

Type
>   Defines the comparison method for selecting poles:
>
>   **Equal:**
>   >   Includes poles with the specified number of edges.
>
>   **Not Equal:**
>   >   Includes poles with a number of edges different from the specified value.
>
>   **Greater Than:**
>   >   Includes poles with more edges than the specified value.
>
>   **Less Than:**
>   >   Includes poles with fewer edges than the specified value.

Extend
>   Adds selected poles to the existing selection rather than replacing it.

Exclude Non-manifold
>   Skips poles that are part of Non-manifold geometry.

Hint

Use this operator to inspect poles, which is particularly useful for identifying problematic poles during topology cleanup or for optimizing quad flow.

Ungrouped Vertices

Mode:
>   Edit Mode

Menu:
>   Select ‣ Select All by Trait ‣ Ungrouped Vertices

Selects all vertices which are not part of a vertex group.

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