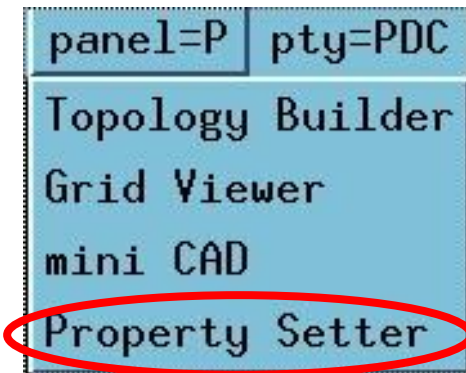


Property Setter Panel

- Provided for streamlined communication to the analysis package.
- Assign standard properties by faces or blocks easily.



Property Setter sub-command Panel

pty=FLUENT

3d property
for blocks

SET 3d pty : . + -

*fluid ◀ ▶ list

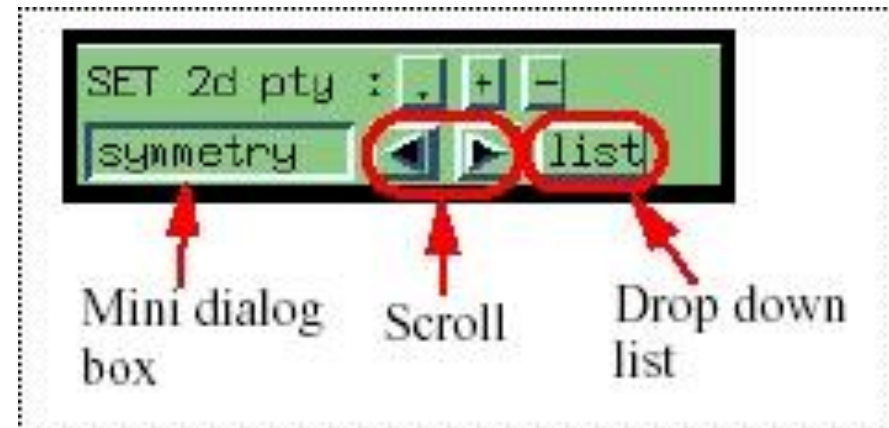
show: B. + - * all ~

SET 2d pty : . + -

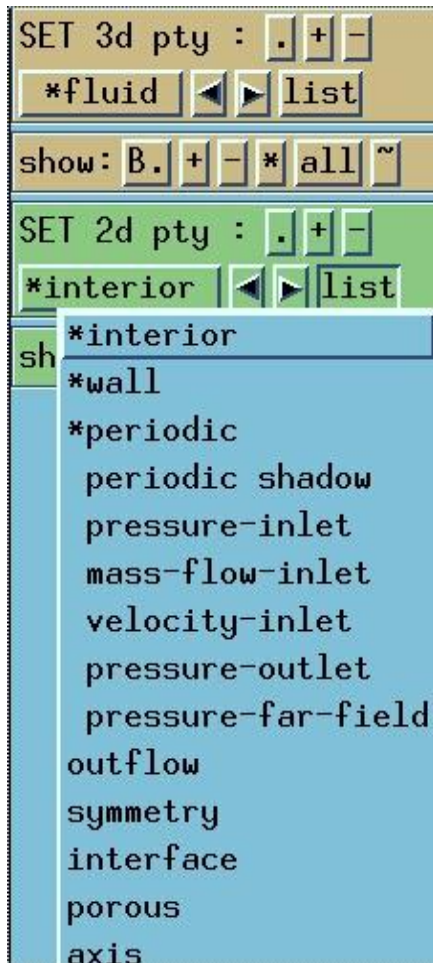
*interior ◀ ▶ list

show: F. + - * all ~

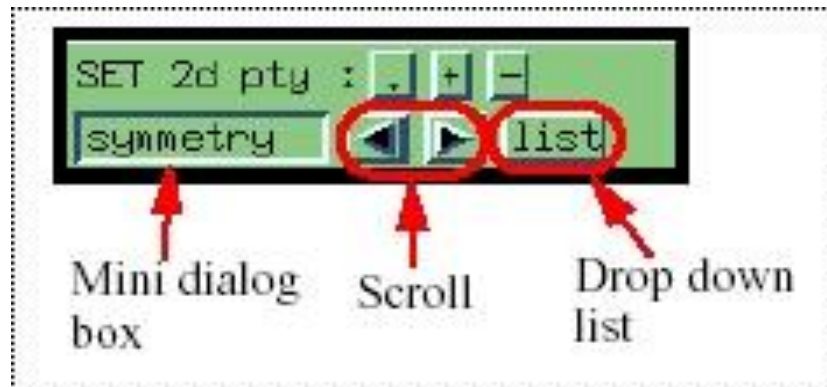
2d property
for faces



Contd...



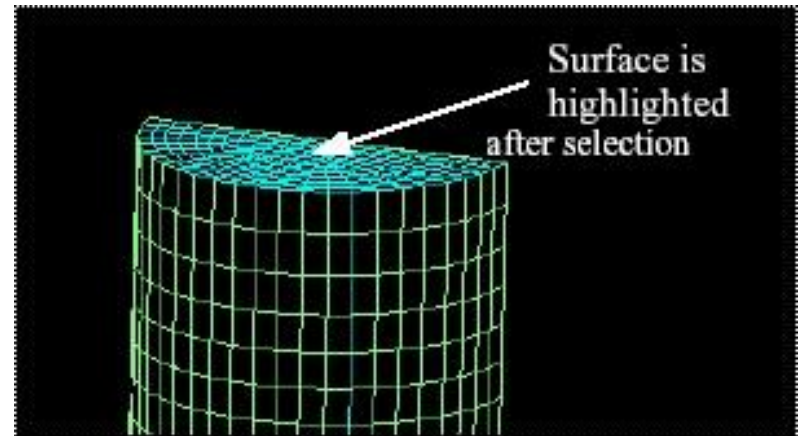
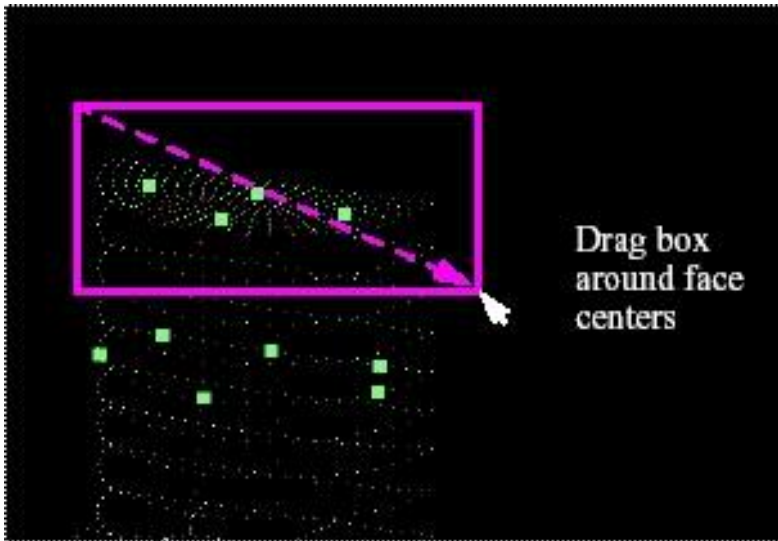
- Mini dialog box also used as show/unshow for that particular property



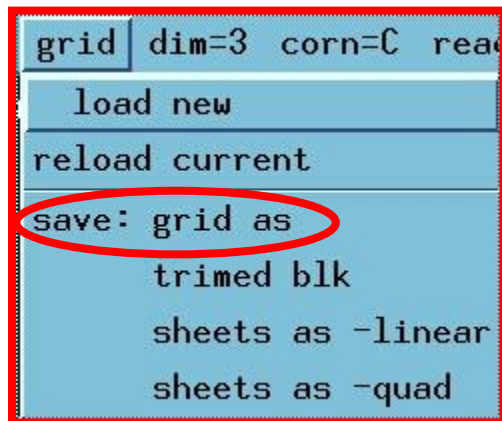
Selecting 2d property faces



- Select + and drag a box around the faces



Saving the Grid in required format



Property can also be assigned to surfaces in topology

```
surf | topo | grid | dim=3 | corn=C | read  
duplicate current  
reload current  
delete current  
LOAD: file  
    -plane  
    -ellip  
    -implic  
    -xpolar  
    -xyz  
    -scale plane  
    -float  
MAKE: Tube  
    network of controlnet curves  
Control net Surf  
Controlnet TFI Surf  
Load controlnet for Current surface  
SAVE: surf as TIL  
      : surf as TRIA  
DELETE: current  
        active  
        inactive  
        all
```

set surface parameters_popup

surf id : 0 (don't change)

type : -plane

get cut-p para

center : 0 0 0

normal : 0 0 1 1

orient : 1 sided

E-wall :

norm-spc :

stretch :

m-grid :

label :

transformation sys

scale : 1

transl 1: 0 0 0

rot axis: 0 0 1

degree : 0

transl 2: 0 0 0

property: default

macro id: default

cancel

- *interior
- *wall
- *periodic
- periodic shadow
- pressure-inlet
- mass-flow-inlet
- velocity-inlet
- pressure-outlet
- pressure-far-field
- outflow
- symmetry
- interface
- porous
- axis

Note: Properties of grid faces and blocks can also be used to drive utilities such as **merge block (mrgb)** and **weld**.

- Adding your own analysis package to communicate with the property setter is easy. (Tutorial 7)