Point List Picking

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- 1. Start the tool either by:
 - clicking on the 📃 icon on the main toolbar (upper left)
 - clicking on the same icon in the "Edit" menu
- 2. A panel appears on the upper left part of the screen.
- 3. Each click on the 3D area will result in the display of the picked point on screen (along with its coordinates), as well as a new entry in the array at the bottom of the upper left panel.
- 4. Last insertion can be cancelled by clicking on the ${}^{\textcircled{0}}$ icon.
- 5. Current list can be exported as an ASCII file ("x y z" one point per line, each coordinate separated by a space) by clicking on the 🗔 icon.
- 6. Picking process can be stopped any time by clicking either
 - a. on the 🖌 icon (in which case the list of points is exported as a new point cloud
 - b. or on the ^{*} icon (in which case the list is lost).

Note: importing the list into Google SketchUp

If the user exports the point list to an ASCII file (or first as a new point cloud, which can then be saved as an ASCII file), a very useful plug-in developed by D. Bur (<u>MAP/CRAI</u> laboratory) can be added to SketchUp in order to import the corresponding list :

- <u>http://rhin.crai.archi.fr/RubyLibraryDepot/Ruby/cloud.rb</u> (to be saved in the "plugin" folder of SketchUp)
- <u>http://rhin.crai.archi.fr/RubyLibraryDepot/Ruby/Cloud.pdf</u> (documentation)