



艰苦朴素
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温家宝

导入层位 (import horizon)

Li



1.2.3导入层位(Horizon)

OpenText有2种层位：

- 2D层位（从2D地震数据解释得到）
- 3D层位（从3D地震数据解释得到）

每种层位有2种类型：

- 几何网格
- 属性网格

属性网格存储为Surface Data，几何网格属于某个“表面数据”。

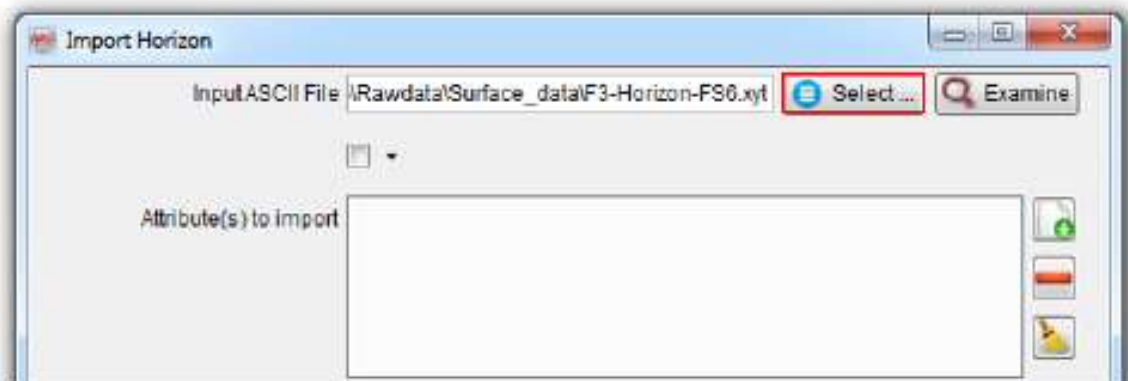
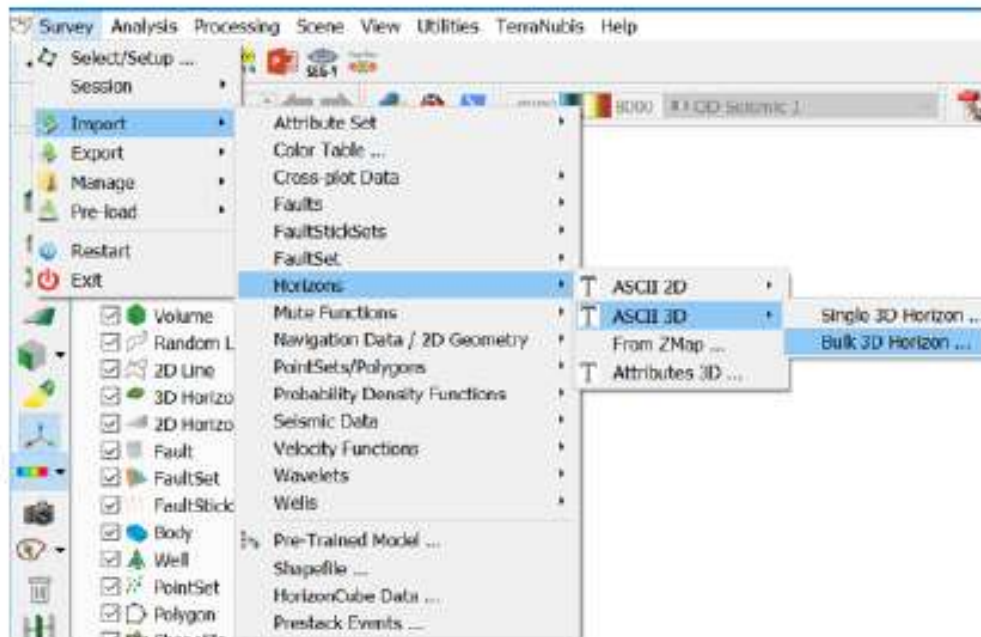
练习目标：从ASCII文件导入（几何）层位。



Import (geometric) horizons from ASCII files.

Workflow:

1. **Go to** Survey>Import>Horizon>ASCII>Geometry 3D.
2. In the Import window, **select** the horizon as Input Ascii file: \\Rawdata\\Surface_data\\F3-Horizon- FS6.xytl for example.






Workflow cont'd:

- Examine** the file to determine the header contents and to check details for the Format Definition.

Keep this window open to fill in the Format Definition.

- Specify** the header size (number of lines): here, **set** it to No header.

Optionally define attribute(s) to be loaded as Horizon Data in the same time as the geometry : use the  icon. You can add as many attribute as you need. They will be listed and you can decide to select them for loading.

Attributes can also be imported and added to an already existing horizon by choosing: Survey > Import > Horizon > Attribute 3D...

C:\ODData\F3_Demo_training\Rawdata\Surface_data\F3-Horizon-FS6.txt


604249.171894	6074220.849208	875.627
604274.162247	6074221.64733	871.552
604299.1525	6074222.348371	871.416
604324.142753	6074223.049412	871.174
604349.133005	6074223.751453	870.562
604374.123258	6074224.453494	870.693
604399.113511	6074225.155535	870.432
604424.103764	6074225.855576	870.147
604449.094017	6074226.555617	869.878
604474.08427	6074227.255658	869.544
604499.074523	6074227.955699	869.242
604524.064776	6074228.65574	868.99
604549.055028	6074229.355781	868.849
604574.045281	6074230.055821	868.737
604599.035534	6074230.755862	868.626
604624.025787	6074231.455903	868.521
604649.01604	6074232.155944	868.438
604674.006293	6074232.855985	868.376
604699.996546	6074233.556026	868.332
604723.986799	6074234.256067	868.308
604748.977052	6074234.956108	868.316
604773.967304	6074235.656149	868.348
604798.957557	6074236.35619	868.385
604823.94781	6074237.056231	868.409
604848.938063	6074237.756272	868.423
604873.928316	6074238.456313	868.54
604898.918569	6074239.156354	868.56
604923.908822	6074239.856395	868.548

Close Reload

Import Horizon

Input ASCII File: I:\Rawdata\Surface_data\F3-Horizon-FS6.txt Select... Examine

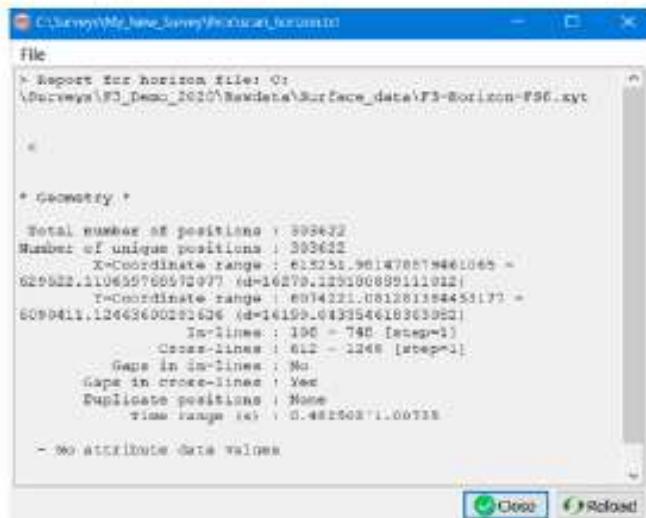
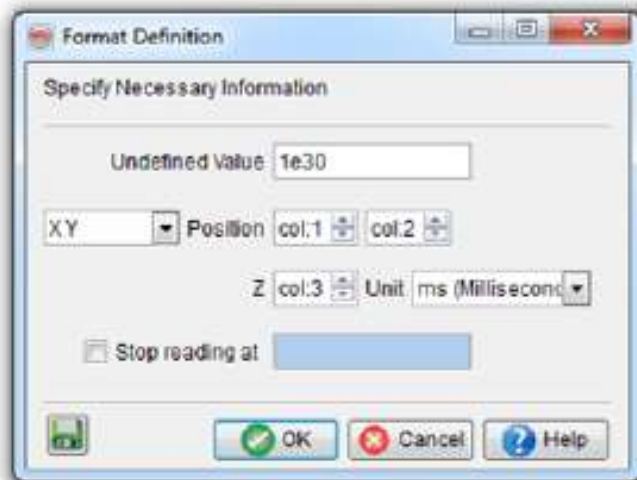
Attribute(s) to import

File header: **No header** 



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8. **Specify** if the undefined parts should be filled: select No.
9. **Name** the Output Horizon and **select** a color for display.
10. To automatically load the horizon in the 3D scene, **toggle on** the “Display after import” option.
11. **Press** Import.

