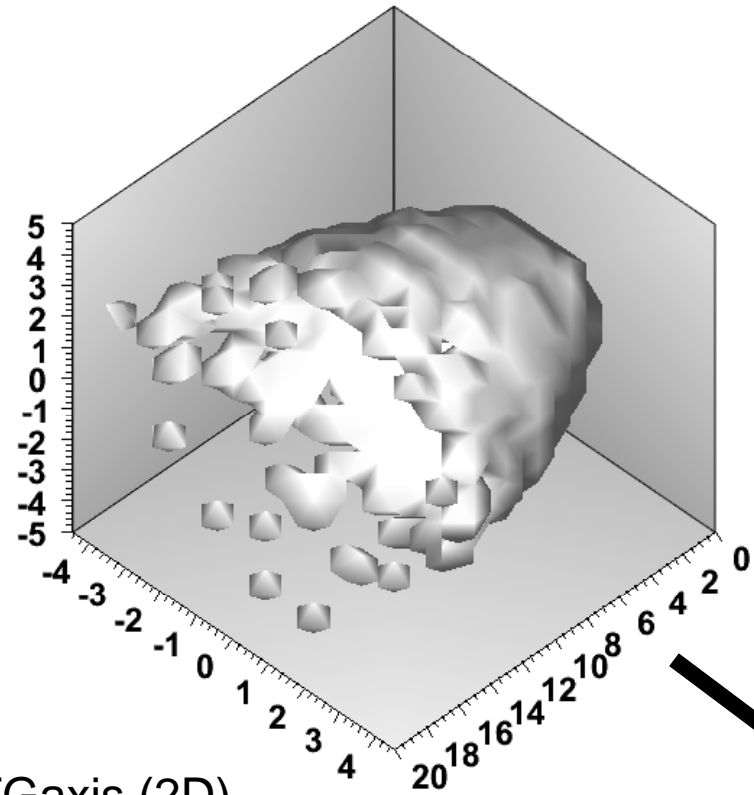# FTGL, TGLText, TGLAxis etc ..

• FTGL makes the interface between FreeType2 (we already use it in ROOT to render True Type Fonts) and OpenGL. FTGL has been introduced in the ROOT CVS repository.

• A new prototype 3D text drawing class is under development in the "gl part" of ROOT: **TGLText** . It is based on FTGL.

• TGLText is used by the new prototype axis drawing class: **TGLAxis**.
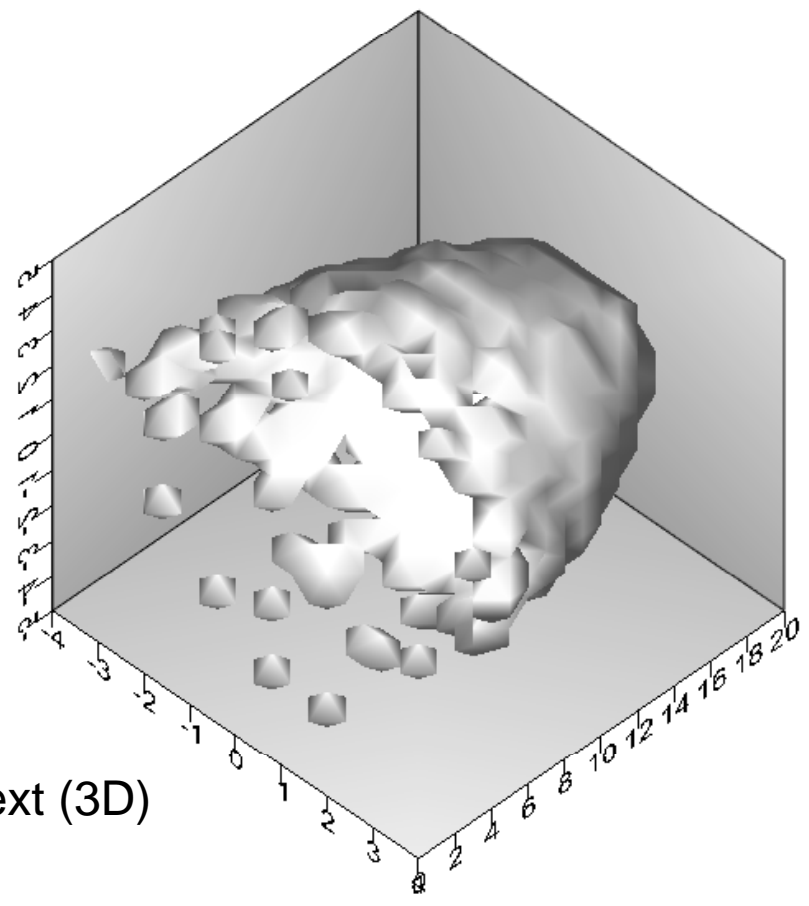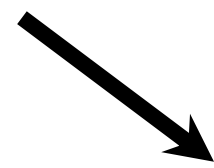
Right now, these two news classes are in the `$ROOTSYS/gl` directory. We plan to move them in a new directory called `histpaintergl` or `glhistpainter` together with all the histogram's painting classes now sitting in the `gl` directory. The `gl` directory will contain the GL-Viewer related classes.

The next slide shows a preliminary plot using the two new classes `TGLText` and `TGLAxis`.

TGaxis (2D)

TGLAxis + TGLText (3D)

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Duration: 05/06/2007 – 17/08/2007

Graphics Work Package

Subject of work: Implement the "**spider plot**" in TTree::Scan(). This option was available in PAW in the NT/SCAN command. It is also known as "**Radar-Plot**" or "**Kiviat-Graphs**"