

# Käyttöliittymäsuunnitelma

DOCKABLE + POPOUT WINDOWS

The screenshot shows the GeoLab application window titled '\*sample.json - GeoLab'. The main interface features a central 3D visualization of a brain scan with three orthogonal slices (XY, ZY, XZ) and their corresponding 2D projections. The XY slice is 186 x 226, ZY is 27 x 226, and XZ is 186 x 27. Each slice has a zoom control set to 100%. The application includes a menu bar (File, Edit, View, Tools, Help) and several dockable panels:

- File type:** A panel for selecting file types, currently set to 'Raw'. It includes fields for file path, data type (8-bit Integer), width, height, and depth, and a 'Raw' dropdown.
- Preferences:** A panel for configuring the application. It includes checkboxes for 'Enable view' (XY, ZY, XZ, XYZ) and sliders for 'Slice XY', 'Slice ZY', and 'Slice XZ'. It also has 'Levels' controls for 'Min' (0) and 'Max' (255) with a 'Reset' button.
- Attached Data Color:** A panel for setting colors for data series. It includes dropdowns for 'Axis Color Coding' (XY, ZY, XZ, XYZ), 'Base Color' (red), and 'Highlight Color' (yellow). It also has a 'Theme' dropdown set to 'Light'.
- Connectors:** A panel for managing data connectors. It includes a table of connectors and a 'Filter by name' field.

Arrows indicate that the File type, Preferences, Attached Data Color, and Connectors panels are dockable and can be popped out of the main interface.

```
class ViewModel
{
    string FilePath { get; set; }
    ...
    void Open() { ... }
}
```

User: hari Application is in Add Connectors -mode.