OSGeo-Live USB

OSGeo - Irish Local Chapter - 1st Symposium

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OSGeo-Live USB

- ► Your conference pack includes an 8Gb USB thumb drive with OSGeo-Live installed
- ► OSGeo-Live is self-contained Linux-based operating system
- ► It is available as a bootable DVD, USB thumb drive and Virtual Machine
- ► It consists of entirely free software meaning that it can be freely distributed.

OSGeo-Live OS

- OSGeo-Live is based on the Lubuntu OS
    - Variant of Ubuntu (Linux)
    - Lightweight GUI: Lightweight X11 Desktop Environment (LXDE)
    - Less resource hungry and more energy-efficient.

OSGeo-Live Software Applications

- It provides pre-configured applications for the analysis, storage and visualisation of geospatial data, such as:
  - **Desktop GIS**: GRASS-GIS, QGIS, SAGA, gvSIG
  - **Browser GIS**: OpenLayers, Leaflet, Cesium, Geonode
  - **Geospatial Libs**: GDAL/OGR, GEOS, libLAS, GeoTools
  - **Spatial Tools**: OTB, R-spatial, GeoKettle
  - **Data Storage**: PostGIS, Spatialite, Rasdaman

  … and many more!

Getting Started!

- ▶ Insert your USB drive and reboot your machine
- ▶ Ensure that your PC is set to boot from a USB drive
  - ▶ This can be set in your BIOS, enter your BIOS using the keyboard shortcut:
    - ▶ The key varies, but it is commonly $<F12>$ or $<Del>$
    - ▶ Then, navigate to change the boot order
    - ▶ Press Enter
- ▶ It will then proceed to run the operating system (can take some time)

Username: user Password: user

OSGeo-Live 10.5 https://live.osgeo.org/en/index.html