

# Update muX meeting 23/08

Michael Heines

# Analyzer update – input config file

```
std::string config_fname;

for (int i = 1; i < argc; i++)
{
    std::string argument = std::string(argv[i]);
    size_t startPos      = argument.find('-');
    size_t stopPos       = argument.find('=');
    std::string value    = argument.substr(stopPos + 1);
    std::string input    = argument.substr(startPos + 1, stopPos - startPos - 1);

    if (input == "config") config_fname = value;
}

// default config directory
if (config_fname == ""){
    config_fname = "/config/config.json";
    config_fname = ANADIR + config_fname;
}
```

- Option to give path to config file
- If nothing changed → Works the same as before
- Solves the “two user” issue
- Pushed to master branch

```
michael@FYS-L-IKS-0072:~/mux-daq$ ./build/analyzer/analyzer -oOutput.root ~/data/muX2023/run65059.mid.gz -- -config=analyzer/config/config2.json
```

# Online display

Still seems to work quite alright → Maybe minor adjustments to what is shown?



The screenshot shows a web interface for the MuX Online Display. At the top, there is a navigation bar with several tabs: 'Update', 'Waveforms', 'Stats', 'Muon', 'Electron', 'Neutron', 'Germanium ADC', 'Germanium keV', and 'Germanium 2D single'. Below this, there is a secondary row of tabs: 'Germanium Summed', 'Germanium Vs Time', 'Filtered Vs Time', and 'Diagnostics'. The main content area is mostly empty, with a large, light gray rectangular box in the center containing the text 'Welcome to the MuX Online Display' in a bold, black font.

