Client (Ubuntu, NUC)

<https://github.com/ccifra/Labview-grpc-measurement-server>

1. Download the repo and update submodules. This will pull the gRPC components and all dependencies.

* sudo apt-get update
* sudo apt install git
* git clone <https://github.com/ccifra/Labview-grpc-measurement-server.git> labview-grpc-query-server
* cd labview-grpc-query-server
* git submodule update --init –recursive

1. Update the proto file if necessary (measurement\_service.proto)
2. Update the source code if necessary (example\_client.cc)
3. Build.

* sudo apt install cmake
* sudo apt-get install build-essential
* cmake .
* make

1. Adjust IP address to be on the same subnet as the PXI chassis.

Client = 169.254.115.153

Server = 169.254.115.152

1. Run the example\_client.

* cd labview-grpc-query-server
* ./example\_client --target=169.254.115.152:50051