Untitled L1 Norm GPS Analysis Tool

Some important points to take note in this alpha version:

1. Do not output data to the network drive! This version writes to the disk without a buffer and so writing to the network drive is very slow.
2. Try not to read input files from the network drive. Similar reasons to the above but not as severe.
3. Please report all bugs and feature requests to [Laurence.davies@lpi.nsw.gov.au](mailto:Laurence.davies@lpi.nsw.gov.au)

# Version History

Naming convention: A.B.CX

* A = Major Version Number.
  + 0 = Pre-release,
  + 1 = First release,
  + 2+ = Subsequent releases.
* B = Minor Version Number.
  + 0 = First minor version under this major verison.
  + 1+ = Subsequent releases
* C = Build Number. This is always unique and can become very large for each major/minor combination. The convention is the date of compilation.
* X = Build/Release Phase.
  + Alpha = a,
  + Beta = b,
  + Release Candidate = r

e.g. 0.1.12r is Pre-release, second minor release ( not first, due to counting from zero), 12th build, release candidate (not likely for the pre-release major version!)

## Version 0.2.1406270a

### Description

Current version as of July 2014

### Features

1. GNSS Baseline support “G” measurements
2. Point covariance matrix support “Y cluster” measurements
3. Apriori coordination of GNSS islands with 10m std deviation on each component
4. XYZ Cartesian adjustment engine
5. Flag for inclusion of ignored measurements in adjustment

### Fixes

1. NStat calculation has been reverted to simple division by VCV diagonal root.

## Version 0.0.1a

### Description

Initial build.

### Features

TBC

### Fixes

1. No segment file required for a full adjustment