

# SeisComP SHM-plugin howto

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# Plugin motivation

- Goal: Fast verification of recent autoloc2 events
- (Problem):
  - Manual preparation of MiniSeed-data necessary (sfdlist, read dialog)
  - Time consuming and error prone
- Automation in 3 steps / key strokes

read GRSN form <@st97>

COEN    FDF    .....    .....    .....    .....

FITZ    RER    .....    .....    .....    .....

GIRL    SSB    .....    .....    .....    .....

KAKA    .....    .....    .....    .....    .....

KNA    .....    .....    .....    .....    .....

AU-Net    G-Net   Next

Z    N    E    ed    Fi    LH    BH    HH    ed    BD

2-May-2006   21:30:00   6.0

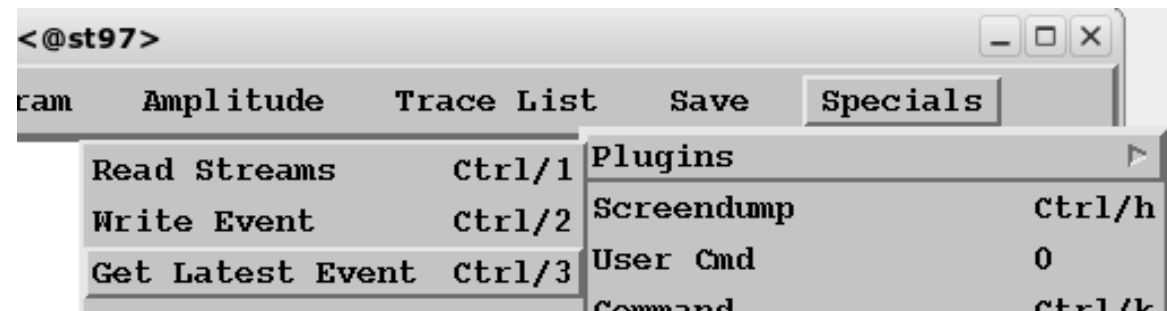
eventlist   0   6  
read length (min)

Keep Traces    Fbox    PC-Sun Sfd   SFD

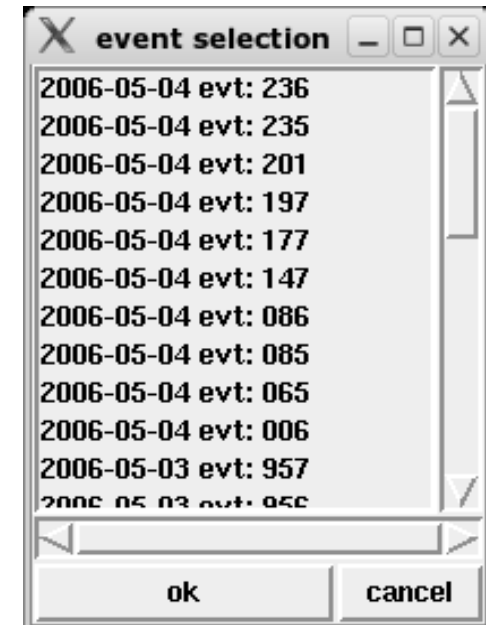
Read Again   Read New   Cancel   Reset

# Preparing data from autoloc2 events

- Press Ctrl-3 or select Specials->Plugins-Get Latest Event

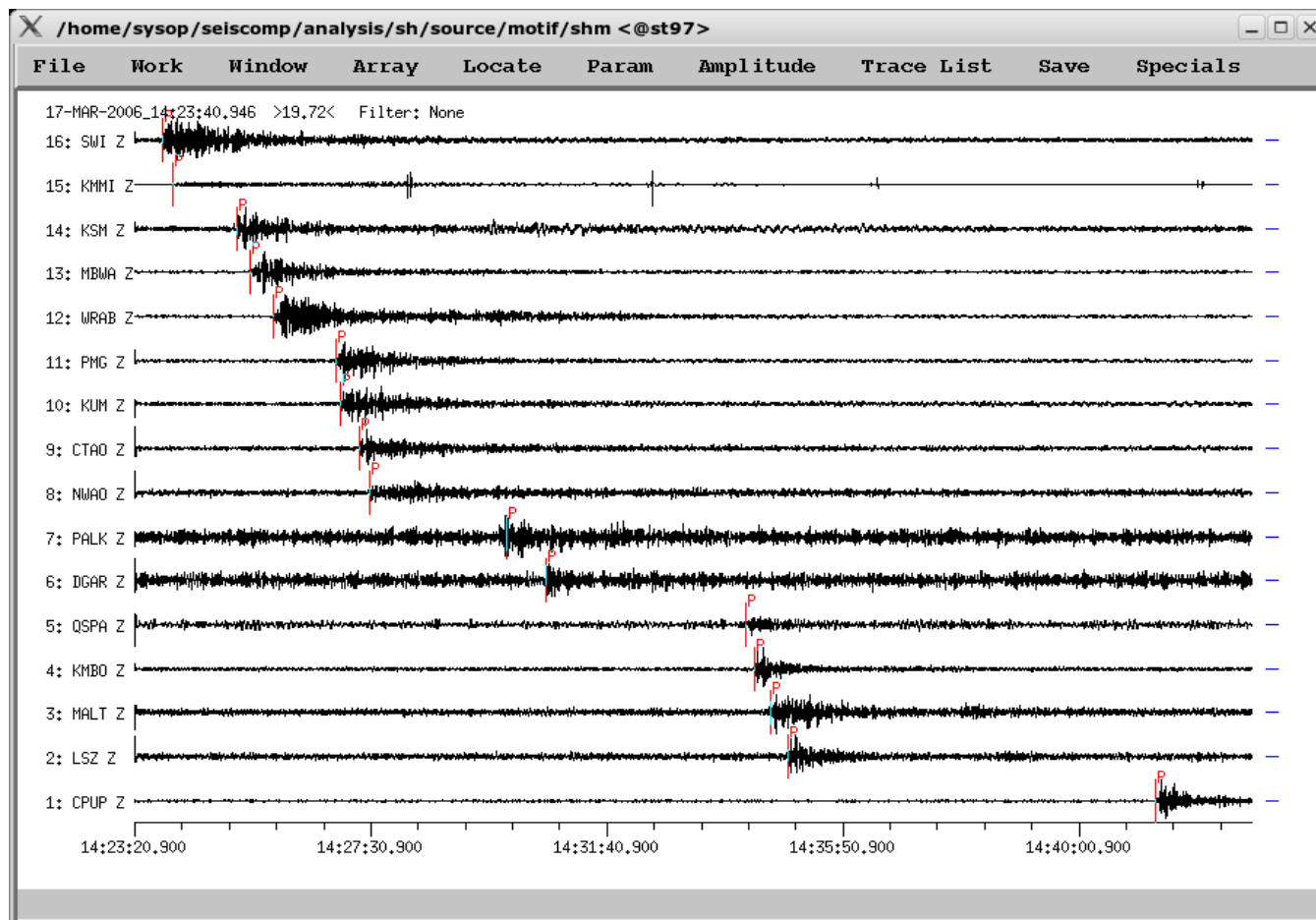


- Choose an event from the event list



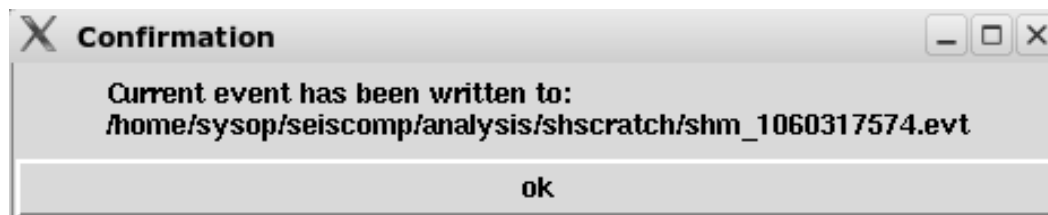
# Reading data involved in the specific event

- Press `Ctrl-1` or select `Specials->Plugins->Read Streams` to read the streams



# Writing an event back to disk

- Press `Ctrl-2` or select `Specials->Plugins->Write Event` write the event back to disk



**DEMO**

# Plugin configuration / information

- Adjusting the number of events that are being read:
  - Modify in `seiscomp/analysis/private/get_latest_event.py`  
the variable `MAX_EVT_ENTRIES`
- The event files are located in:  
`seiscomp/autoloc/events/shm_*.evt`
- Loaded event files will be written in:  
`seiscomp/analysis/shscratch/`
- More details you could find in:  
`seiscomp/doc/seiscomp_plugin_doc.pdf`

**Thank you!**