

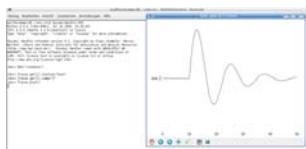
Seismic Handler development

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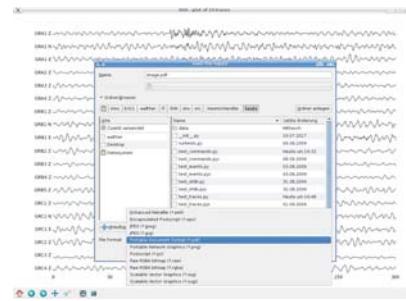
Seismic Handler and python language combined

The python programming language is now combined to Seismic Handler by compiling a shared library from SH's sources. Newly coded wrappers offer easy access to SH's functions.



In this example a synthetic trace is created, then station and component name are set. Data plotting is done via a high level framework.

The graphical framework allows high quality export to various bitmap and vector formats including PNG, PS, PDF, SVG, EPS.



Of course, existing scripts for Seismic Handler can still be used in the new environment. Also the previous command line interface is still available.

! Create, name and filter 10 random traces.

! SAMPLE_SHC

seed max 0

loop:

 create random 0.01 200 20

 call "SHC" "get station" "\$STATION"

 if "\$STATION" == "" then goto loop

 fill f \$P_2D45_3

filter f all

 del 1-10

return