Seed converters user guide

There are few applications that use either SEED or miniSEED volume and converts it to SAC or ASCII. Conversion from SEED to datelessSEED, from SEED to miniSEED and from miniSEED to SEED are possible as well. Resulting SAC file contains sensitivity information derived from source file (if available) as well as location details. Each trace from the source will be saved as separate file as 'network.station.location.channel.starttime_microsecond.FILETYPE'. Only in the 'SEED to miniSEED converter' application the User may chose to write result to single output file.

open in IS-EPOS PLATFORM

CATEGORY Converters, Seismogram Analysis Tools

KEYWORDS Format conversion, Data merging, Data filtering, Data export

CITATION Please acknowledge use of this application in your work: IS-EPOS. (2019). *Data Handling Applications* [Web applications]. Retrieved from https://tcs.ah-epos.eu/

Step by Step

This applications use either seed files or miniSEED files (uploaded from the episode data or acquired elsewise) as input. The User may select from 'Actions', 'USE IN APPLICATION' five converters for seed files (left green field in Figure 1) and three converters for miniSEED files (right green filed in Figure 1).

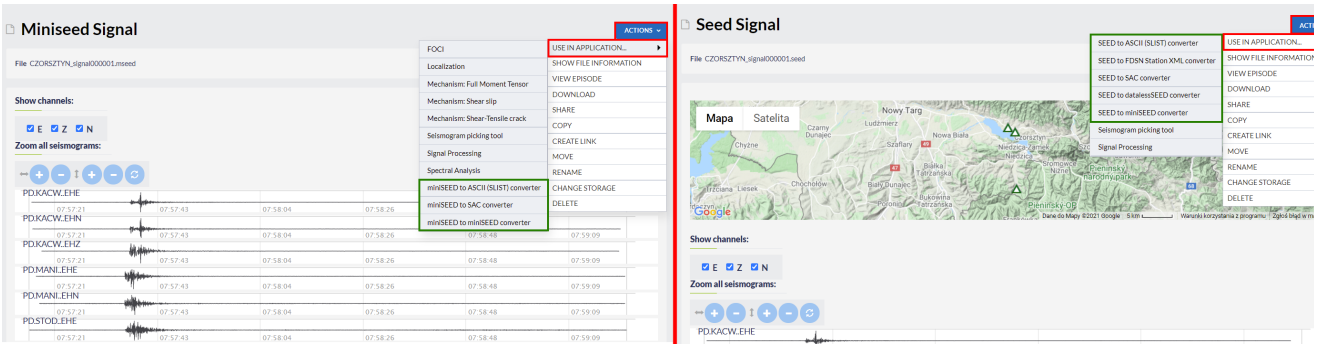

Figure 1. Selection of the application from the data uploaded in the workspace.

Then the screen shown in Figure 2 appears and the User just clicks on the button 'RUN' to execute the conversion.

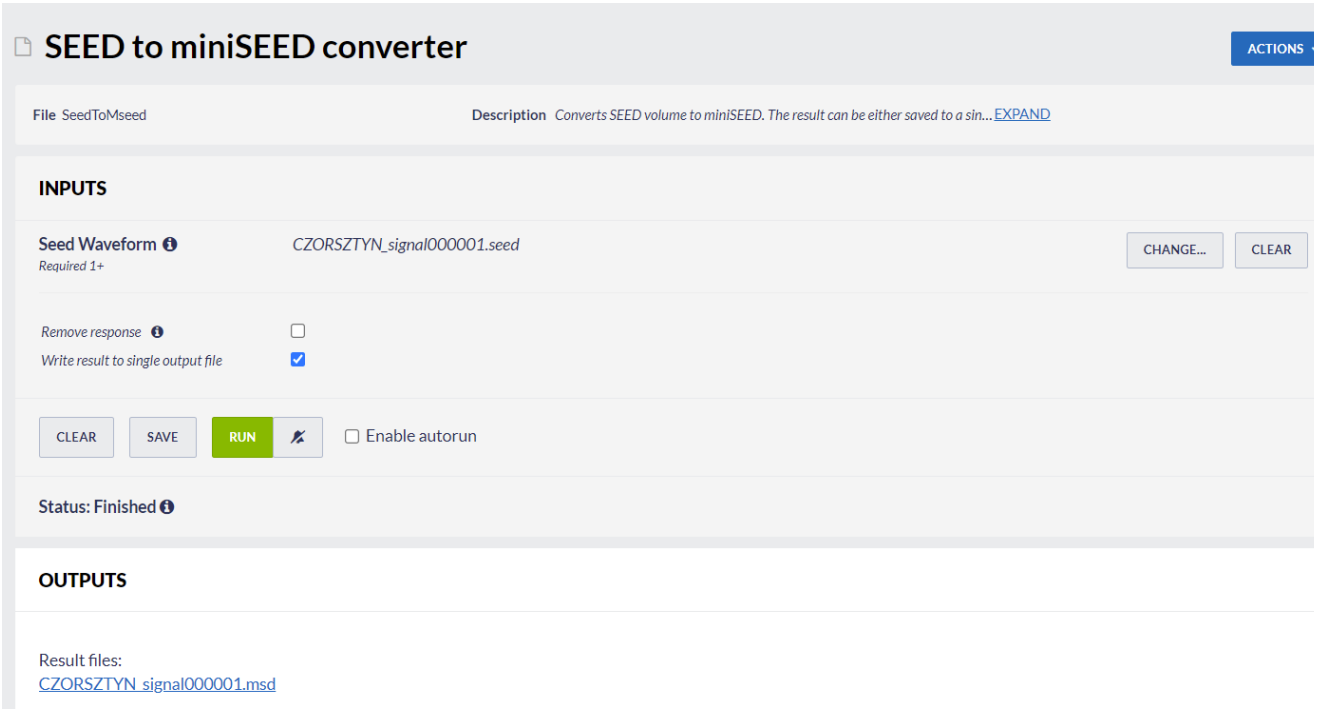

Figure 2. Inputs, parameters selection and outputs of the application.

The User, depending on the converter, may chose options below:

- *Remove response* - Choose weather you want to remove response. *See ObsPy Documentation*

- *Write result to single output file* - The User may chose to write result to single output file rather than one file for each signal (option only available for 'SEED to miniSEED converter').

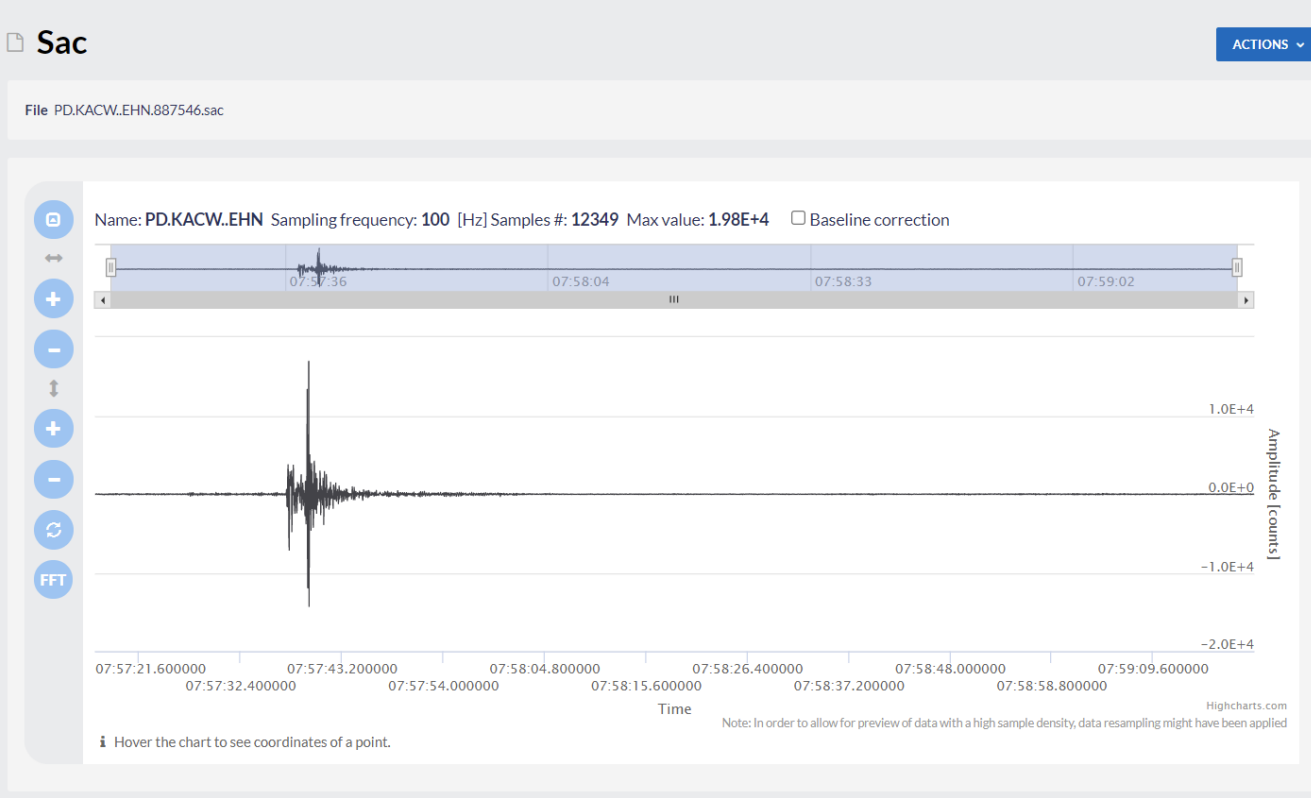

Figure 3. Output file of the "SEED to SAC converter" application.

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