

**Error: Failed to load processor NewsFlash**

No macro or processor named 'NewsFlash' found

# SHM documentation page

New version SHM-2.4 now available with major improvements in configuration. Please read [migrating to 2.4](#) about improvements and how to change to this version. This documentation covers mainly the recent version!

SHM (Seismic Handler Motif) is an interactive analysis program for preferably continuous waveform data. It was developed at the Seismological Observatory Gräfenberg and is in use here for daily routine analysis of local and global seismic events.

## Introduction

- [Style conventions used in this document](#)
- [Overview of features of the SHM program](#)
- Recent updates of this documentation:

**04/14/2011**

- ◆ [ShmDocInstall](#) (diff)

**03/16/2011**

- ◆ [ShmDocMenuLocateDelLocation](#)
- ◆ [ShmDocIndex](#) (diff)

**02/05/2009**

- ◆ [ShmDocDatabaseSfdbRsynctab](#)
- ◆ [ShmDocDatabaseSfdbBackup](#)

## Installation

- [Installing on UNIX/LINUX machines](#)
- [Migration to version 2.4](#)
- [Version history](#)
- Known problems?
- [First steps after installation is completed](#)

## Basic Information about reading in data

- [Reading MiniSEED data into SH/SHM](#)
- [Using your own stations in SHM](#)

## Basic elements of SHM

- [The configuration file](#) (since version 2.4a)
- [The display windows](#)

- How to use mouse buttons
- The phase dialog box
- The analysis parameter box

## Miscellaneous

- The time string format in SH/SHM
- The travel time tables of SH/SHM
- Analysing a local event
- Analysing a teleseismic event

## Menu description

- File
  - ◆ Read
  - ◆ Read GSE
  - ◆ Read AH
  - ◆ Read Q
  - ◆ Read Other
  - ◆ AutoDRM Request
  - ◆ Write MiniSEED
  - ◆ Write GSE 1.0
  - ◆ Quit
- Work
  - ◆ Filter
  - ◆ Rotate
  - ◆ Particle Motion
  - ◆ Polarisation Filter
  - ◆ Spectrum
  - ◆ Spectrogram
  - ◆ Comment
  - ◆ Info Source
  - ◆ Show Parameters
  - ◆ Final Parameters
  - ◆ Cancel Parameters
- Window
  - ◆ Set Time Window
  - ◆ Del Time Window
  - ◆ Move Right
  - ◆ Move Left
  - ◆ Grow Right
  - ◆ Grow Left
  - ◆ 3 Zoom Traces
- Array
  - ◆ Plane Wave
  - ◆ Align
  - ◆ Beam
  - ◆ Fix Beam
  - ◆ Min/Max Pick
  - ◆ Correlation Pick

- ◆ Onset Pick
- ◆ Calibration
- ◆ FK
- ◆ Vespagram
- Locate
  - ◆ Locate Tele
  - ◆ Locate by TTFit
  - ◆ LocSAT
  - ◆ Depth
  - ◆ Phase Diff
  - ◆ Src Region
  - ◆ External Loc
  - ◆ Locations Matching
  - ◆ Identify Phase
  - ◆ Theo (Tables)
  - ◆ Theo (ExtProg)
  - ◆ Del Theo
- Amplitude
  - ◆ Ampl & Period auto Peak
  - ◆ Ampl & Period auto Zero
  - ◆ Surface-Ampl automatic
  - ◆ Abort Selection
  - ◆ mb
  - ◆ MS Prague
- Trace list
  - ◆ Demean

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