

# Input-files of mergeResult

## Input-files of mergeResult

File name	Contents
result_0_iterX.csv * ... result_M_iterX.csv *	Observed and calculated response functions.
control.dat (optional)	Controlling parameter of FEMTIC. This files is used only if '-nudist' option used in this program.

\* In the file names, 'X' indicates the iteration number and *M* indicates the maximum process ID (The number of the MPI processes minus one).

# How to use mergeResult

You need to execute the following command in the directory where input files exist.

```
mergeResult [options]
```

## Options of mergeResult

Option	How to work
-csv	Merged result file is outputted as csv file.
-appphs	Apparent resistivity and phase instead of impedance tensor are written in the merged result file.
-undist	Response functions without the galvanic distortion is written in the merged result file in addition the response functions affected by the galvanic distortion.

# Output-files of mergeResult

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File name	Contents
result_MT.txt or result_MT.csv	Response function of the MT stations where the impedance tensors was given.
result_VTF.txt or result_VTF.csv	Response function of the stations where the vertical magnetic transfer function was given.
RMS.out	Total RMS value and RMS value of each observation station.