

## pollynet\_processing\_chain\_config

This file was used to configure the [Pollynet\\_Processing\\_Chain](#) to find data, link the polly processing functions and save results. This file needs to be setup based on your local environment.

Variable	Description	Type	Example
fileinfo_new	file for recording extracted polly files	string	"C:\Users\zhenping\Desktop\Picasso\todo_filelist\fileinfo_new.txt"
doneListFile	filename for saving the figure details	string	"C:\Users\zhenping\Desktop\Picasso\recent_plots\done_filelist.txt"
pollynet_history_of_places_new	file for saving the pollynet campaign information	string	"C:\Users\zhenping\Desktop\Picasso\todo_filelist\pollynet_history_of_places_new.txt"
polly_config_folder	folder for saving polly configuration files	string	"C:\Users\zhenping\Desktop\Picasso\config"
log_folder	folder for saving log files, which contain the executing information	string	"C:\Users\zhenping\Desktop\Picasso\results\log"
gdas1_folder	base directory for saving gdas1 data	string	"C:\Users\zhenping\Documents\Data\GDAS"
defaultsFile_folder	folder for saving polly default files	string	"C:\Users\zhenping\Desktop\Picasso\lib\pollyDefaults"
results_folder	folder for saving the output results	string	"C:\Users\zhenping\Desktop\Picasso\results"
pic_folder	folder for saving the output figures	string	"C:\Users\zhenping\Desktop\Picasso\recent_plots"
pollynet_config_history_file	file to link the polly data with polly configuration and processing program	string	"C:\Users\zhenping\Desktop\Picasso\config\pollynet_processing_config_history.txt"
figDPI	dpi for the generated figures	integer	80
minDataSize	minimum size requirement for the polly data to activate the processing program	integer	1000000
institute	institute where you want to write into the results with netCDF files	string	"Ground-based Remote Sensing Group (TROPOS)"
homepage	homepage of the pollynet website, which will be written to the results with netCDF files	string	"http://polly.rsd.tropos.de"
contact	contact for dealing all the feedback of bugs and questions	string	"Zhenping Yin <a href="mailto:zhenping@tropos.de">zhenping@tropos.de</a> "

Variable	Description	Type	Example
programVersion	version label, which will be written into the results and annotated on the figures as well	string	"1.3"
visualizationMode	interpreter for data visualization (MATLAB support has not been finished yet)	string	"python"
pyBinDir	python binary directory, which holds the python interpreter. If you set the <b>visualizationMode</b> to python, this variable needs to be set accordingly.	string	"C:\Users\zhenping\Software"
flagDeleteData	flag to control whether to delete the extracted polly data files after the processing		false
flagEnableResultsOutput	flag to control whether to output the results with netCDF files	logical	true
flagEnableCaliResultsOutput	flag to control whether to save the lidar calibration results to the ASCII files	logical	true
flagEnableDataVisualization	flag to control whether to generate the figures, which would take most of the time for the data processing	logical	true
flagDebugOutput	flag to control whether to save the matlab workspace for debugging	logical	false
flagReduceMATLABToolboxDependence	flag to control whether to turn off the MATLAB toolbox to use the replaced functions in the <b>include</b> folder	logical	false
flagSendNotificationEmail	flag to control whether to email the processing results. (Trial)	logical	false