

GRIB examples

Example	Description
grib_clone	How to create a new GRIB message by cloning an existing message.
grib_copy_message	How to copy a GRIB message in memory
grib_ensemble_index	Index a GRIB file, select a specific parameter and compute ensemble mean.
grib_get_keys	How to get values using keys from GRIB messages
grib_index	How to create and use an index to access GRIB messages from a file. Demo also loading and writing an index from a file.
grib_iterator_bitmap	How to use an iterator on lat/lon/values and query the bitmap for missing values (rather than compare each value with the missingValue key)
grib_iterator	How to use an iterator on lat/lon/values for GRIB messages
grib_keys_iterator	How to use keys_iterator to get all the available keys in a GRIB message.
grib_multi_write	How to create a multi-field GRIB message in memory and write it to a file. Multi-field messages can be created only in GRIB edition 2.
grib_multi	How to decode GRIB2 multi-field messages. Try to turn multi support on and off to see the difference.
grib_nearest	How to use codes_grib_find_nearest and codes_get_element
grib_precision	How to control decimal precision when packing fields.
grib_print_data	Prints all the data contained in a GRIB file
grib_read_from_file	Get message lengths using two different interfaces.
grib_samples	How to create a new GRIB message from a sample.
grib_set_bitmap	How to set a bitmap in a GRIB message to encode missing values in the data
grib_set_data	Set the data contained in a GRIB file. In this example no missing values are present. If there are missing values, refer to: grib_set_bitmap
grib_set_keys	How to set key values in GRIB messages
grib_set_missing	How to set a key as missing
grib_set_pv	How to set pv values in a GRIB message