
EUMETSAT WP FCIDECOMP - Available software and documents analysis

EUMETSAT

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CHAPTER**ONE**

DOCUMENT INFORMATION

Doc. id:	
External version:	
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CHAPTER**TWO**

INTRODUCTION**2.1 Purpose**

The document reports an analysis of the software repositories, links and documents related to the current implementations of the FCIDECOMP software, for which updates will be needed.

CHAPTER
THREE

REPOSITORIES

Here a list of the different repositories containing a version of the FCIDECOMP software is reported.

3.1 v1.0.2 (latest)

Table 3.1: FCIDECOMP source code repositories - v1.0.2

Usage	Contact person / organization	Proposed action	URL
EUMETSAT sFTP	EUMETSAT	Replace with / redirect to canonical repository	https://sftp.eumetsat.int/public/folder/UsCVknVOOkSyCdgpMimJNQ/User-Materials/Test-Data/MTG_MTG_FCI_L1C_Enhanced-NonN_TD-272_May2020/FCI-Decompression_Software_V1.0.2/EUMETSAT-FCIDECOMP_V1.0.2.tar.gz
EUMETSAT FTP	EUMETSAT	Replace with / redirect to canonical repository	ftp://ftp.eumetsat.int/pub/OPS/out/test-data/Test-data-for-External-Users/MTG_FCI_Test-Data/FCI-Decompression_Software_V1.0.2/EUMETSAT-FCIDECOMP_V1.0.2.tar.gz
EUMETSAT Data Tailor	EUMETSAT	Remove, use conda package to install FCIDECOMP	https://gitlab.eumetsat.int/data-tailor/support-to-mtg/mtg-fci1c-fcicompile-docker/-/blob/master/fcicompile_sources-V1.0.2.tar.gz
Embedded in hdf5plugin	silx project (silx@esrf.fr)	Contact developers to reduce risk of potential conflicts	https://github.com/silx-kit/hdf5plugin/tree/main/src/fcicompile/FCIDECOMP_V1.0.2

3.2 Older versions

Table 3.2: FCIDECOMP source code repositories - v1.0.1

Usage	Contact person / organization	Proposed action	URL
EUMETSAT FTP	EUMETSAT	Remove / redirect to canonical repository	ftp://ftp.eumetsat.int/pub/OPS/out/test-data/Test-data-for-External-Users/MTG_FCI_L1c_Compressed-Datasets_and-Decompression-Plugin_April2017/Decompression_Plugin/EUMETSAT-FCIDECOMP_V1.0.1.tar.gz
EUMETSAT Data Tailor	EUMETSAT	Remove, use conda package to install FCIDECOMP	https://gitlab.eumetsat.int/data-tailor/support-to-mtg/FCI_COMPRESSOR/-/tree/develop/FCIDECOMP_SOURCES

CHAPTER**FOUR**

SOFTWARE REFERENCES

Here a list of all the references found on the web to the FCIDECOMP software, here as part of other software or in documentation, is reported.

4.1 Other software

Table 4.1: FCIDECOMP references in other software

Usage	Contact person / organization	Proposed action	URL
FCIDE-COMP conda recipe	Martin Raspaud (martin.raspaud@smhi.se)	Remove	https://github.com/mraspaud/fcidecomp-conda-recipe
FCIDE-COMP docker container	Joaquín Rodríguez-Guerra (EUMETSAT) ?	Use official FCIDECOMP release from canonical repository	https://hub.docker.com/r/joaquinrgu/fcidecomp

4.2 Documentation

Table 4.2: FCIDECOMP references in external documentation

Usage	Contact person / organization	Proposed action	URL
HDF filters documentation	HDF Group	Point to canonical repository	https://support.hdfgroup.org/services/filters.html