

Workshop on “Closing The GRIB/NetCDF Gap”



24-25 September 2014

Programme

Wednesday 24 September

09.30-10.00	Registration and coffee	
10.00-10.10	Welcome/housekeeping	Florence Rabier (ECMWF)
10.10-10.40	GRIB and NetCDF: Setting the scene	Baudouin Raoult (ECMWF)
10.40-11.00	Parameter naming in GRIB and CF	Alison Pamment (STFC)
11.00-11.15	Applications of the CF data model	David Hassell (University of Reading)
11.15-11.35	<i>Coffee break</i>	
11.35-11.50	The role of WMO inter-programme expert team on data representation, maintenance and monitoring	Simon Elliott (EUMETSAT)
11.50-12.05	Observations and measurements as a basis for semantic reconciliation between GRIB and NetCDF	Jeremy Tandy (Met Office)
12.05-12.20	Don't solve problems, copy success: Leveraging standards and conventions to improve interoperability	Kevin O'Brien (NOAA)
12:20-12.35	Lesson from incompatible units of time-integrated GRIB parameters	Eizi Toyoda (JMA)
12.35-12.50	NetCDF metadata standards for climate model intercomparisons	Martin Jukes (STFC)
12.50-13.05	TBD	
13.05-13:45	<i>Lunch break</i>	
13.45-14.00	GRIB and NetCDF in a world of competing standards	Matthew Peroutka (NOAA)
14:00-14.15	GRIB to NetCDF/CF as part of Unidata's THREDDS project	John Caron (UCAR)
14.15-14.30	The challenges of using NetCDF and GRIB for managing forecast data at the Met Office	Bruce Wright (Met Office)
14.30-14.45	Software for managing and sharing metadata translation information	Mark Hedley (Met Office)

14.45-15.00	ECMWF data decoding tools for users and operations	Enrico Fucile (ECMWF)
15:00	Working groups	
15.30	<i>Coffee break (in meetings)</i>	
16:30-16.45	Climate Data Operators (CDO)	Luis Kornblueh (MPI)
16.45-17.00	The CF checker tool	Rosalyn Hatcher (University of Reading)
17:00	Feedback from working groups/plenary discussion	
18.00	<i>Close day 1 / Drinks reception</i>	
20.00	<i>Meal at 'Zero Degrees', Reading (http://www.zerodegrees.co.uk/reading)</i>	
Thursday 25 September		
09.00-09.15	Data reference syntax – governing standards within climate research data archived in the earth system grid federation	Michael Kolax (SMHI)
09.15-09.30	SPECS NetCDF convention: Dealing with climate predictions on the ESGF	Pierre-Antoine Bretonnière and Francisco Doblas-Reyes (IC3)
09.30-09.45	A short history of GRIB	Chris Little (Met Office)
09.45-10.00	On-the-fly GRIB to netCDF conversion within the MARS-ESGF integration	Sebastien Villaume (SMHI)
10.00-10.15	Data standardization at DKRZ	Jörg Wegner (DKRZ)
10.15-10.30	Gridded data from many sources – a data-user's perspective	Heiko Klein (NMI)
10.30-10.50	<i>Coffee break</i>	
10.50-11.05	Management of GRIB by WMO	Atsushi Shimazaki (WMO)
11.05-11.20	GRIB/NetCDF file compression	John Caron (UCAR/UNIDATA)
11.20-13.00	Working groups	
13.00-13.40	<i>Lunch break</i>	
13.40-14.25	Working groups (including summing up)	
14.25-15.30	Feedback from working groups/plenary discussion	
15.30	<i>Coffee break / close of workshop</i>	