SeaDataNet tools, new developments

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Data centres software

• NEMO
• MIKADO
• Download Manager
• Format converters
  – Med2MedSDN
  – Change_Vocab_V1toV2
  – MedSDN2CFPOINT
  – OdvSDN2CFPOINT
• EndsAndBends
NEMO releases (1)

• At previous TTG
  – 1.4.5 (11 July 2012)

• Since last TTG
  – 1.5.1 (3 July 2013)
  – 1.5.2 (1 October 2013)
  – 1.5.3 (14 March 2014): Current release
NEMO releases (2)

- 1.5.1 (3 July 2013)
  - Compliance with version V2 of BODC vocabularies
  - Above Sea Level measure possible
  - Change C16 to C19 List with Backwards Compatible model

- 1.5.2 (1 October 2013)
  - FORMAT_VERSION for CDI-SUMMARY
  - Relative coupling table path (bug correction)

- 1.5.3 (14 March 2014): Current release
  - Uploading of CSR ISO-19139 in tab Cruise
  - EDMO search improved
  - Bug corrections (SDN_Cruise in NetCDF, Data section updates on change of model, missing end of station line in some very particular cases of MEDATLAS format)
NEMO releases (3)

• Next releases
  – Not planned yet
  – When new format will be available
    • NetCDF format for underway data like ADCP (trajectory profile)
  – When evolutions of formats will be defined
    • Information on Sensors linked to vocabulary and on Cruise linked CSR catalogue
MIKADO releases (1)

• At previous TTG
  – 2.5 (18 December 2012)

• Since last TTG
  – 3.0 and 3.1 beta versions (July 2013)
  – 3.2 (10 September 2013)
  – 3.3 (18 October 2013)
    • 3.3.1 (19 November 2013)
    • 3.3.2 (7 February 2014)
  • 3.3.3 (26 February 2014): Current release
MIKADO releases (2)

- **3.0 beta version (4 July 2013)**
  - ISO19139 format for CDI
  - BODC vocabularies V2
- **3.1 beta version (19 July 2013)**
  - ISO19139 format for CSR
  - Adjustments for CDI in ISO 19139
- **3.2 (10 September 2013)**
  - Adjustments for CDI and CSR in ISO 19139
  - **Mikado automatic**: "continue when error" added to check mappings
  - Menu "Options / Look And Feel / Default and Nimbus added
  - Edios Program : BODC list used for associated EDMED
MIKADO releases (3)

- 3.3 (18 October 2013)
  - Adjustments for CSR in ISO 19139
- 3.3.1 (19 November 2013)
  - Bug fixed: codeListValue="CDI" corrected for CSR in ISO19139
- 3.3.2 (7 February 2014)
  - Bugs fixed (batch mode when error, log file, …)
- 3.3.3 (26 February 2014): Current release
  - Lists sorted by alphabetic order in MIKADO manual
  - Bugs fixed (delete button, CSR and EDMED References)
MIKADO releases (4)

- Next releases
  - Not planned yet
Download Manager releases (1)

• At previous TTG
  – 1.4.0 (24 January 2013)

• Since last TTG
  – 1.4.1 (13 May 2013)
  – 1.4.2 (23 September 2013)
  – 1.4.3 (25 October 2013): Current release
Download Manager releases (2)

- **1.4.1 (13 May 2013)**
  - Improvements of DM servlet download page

- **1.4.2 (23 September 2013)**
  - DM-Checker: Consistency checks between local coupling table and central catalogue

- **1.4.3 (25 October 2013): Current release**
  - Update of database drivers
  - Management of duplicate entries in zip file
Download manager releases (3)

• Next release
  – 1.4.4, received but on test
  – NETCDF on the fly conversion for MODUS1, 2 and 3
  – Revision of the installation and the corresponding manual: simpler and shorter
  – Compatibility Java7, Tomcat 7
  – Release planned 15/04/2014
Format converters

• MedSDN2CFPOINT v1.0.3
  – To convert SDN MEDATLAS files to NetCDF (CFPOINT v1.0)
  – Released on 20/12/2013
  – Next release v1.0.4 with one bug correction for the coupling table generation in one particular case, April 2014

• OdvSDN2CFPOINT v1.0.3
  – To convert SDN ODV files to NetCDF (CFPOINT v1.0)
  – Release planned on April 2014
**EndsAndBends**

- Current release: V2.0.5 (April 2013)
- Next release: V2.1 (April 2014)
  - EndsAndBends allows to read an existing CDI xml file and to update its GML part using a navigation file.
  
  ➔ Able to read and update CDI ISO19139 files