Status of SeaDataNet tools

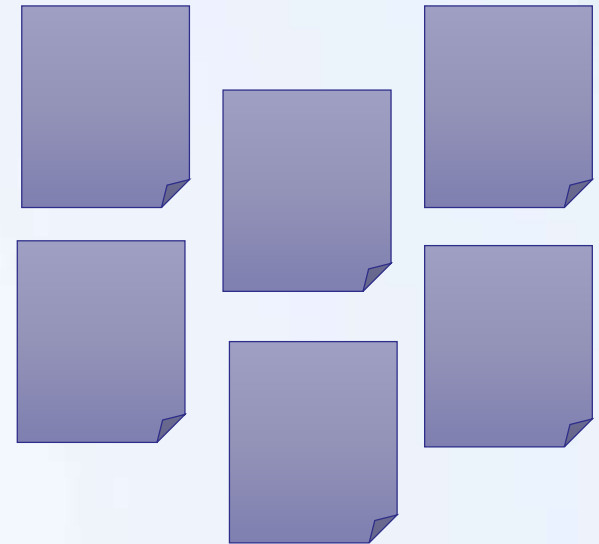M. Fichaut (IFREMER)

SeaDataNet tools

- ## NEMO: tool for data file conversions

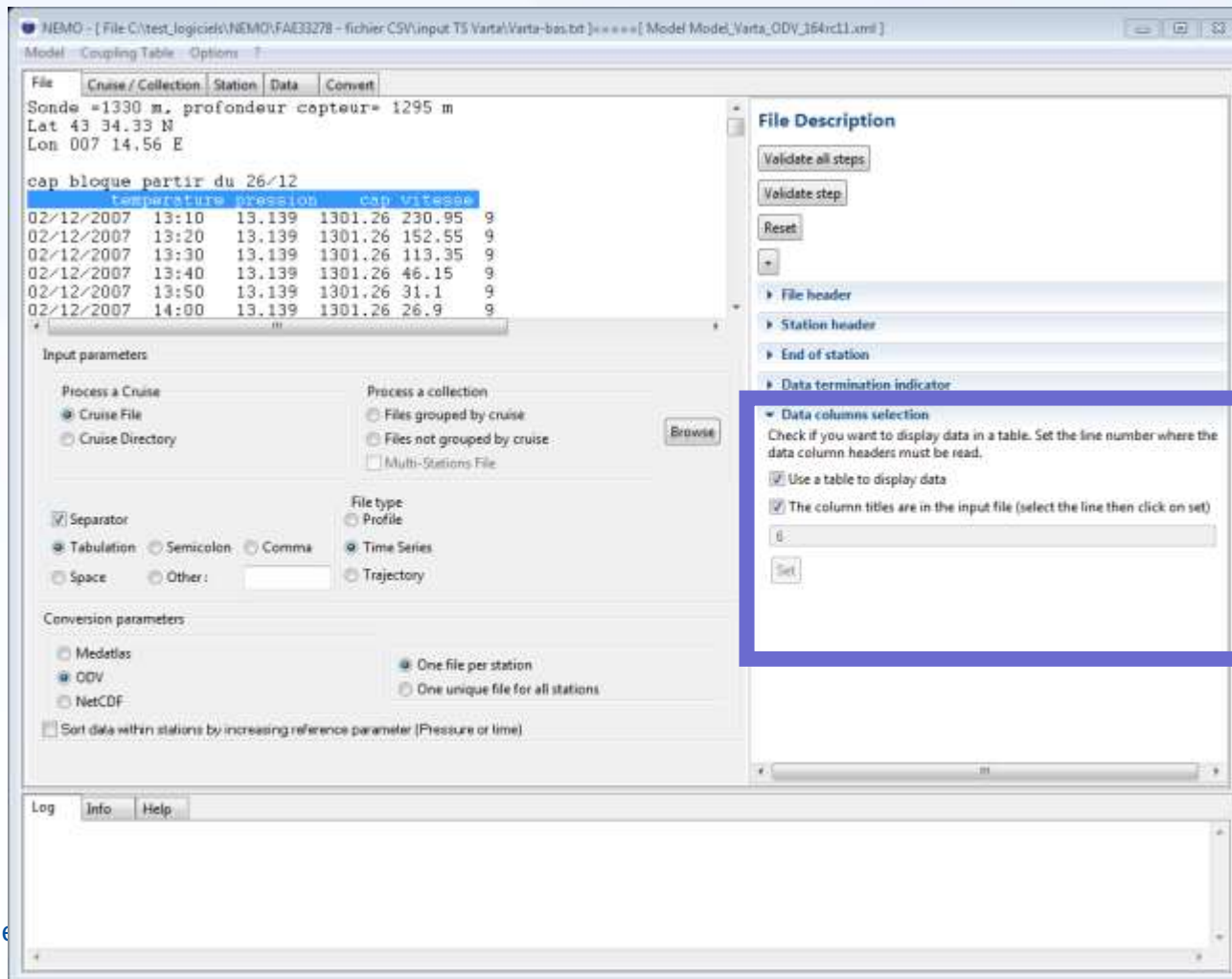Data files at any ASCII format
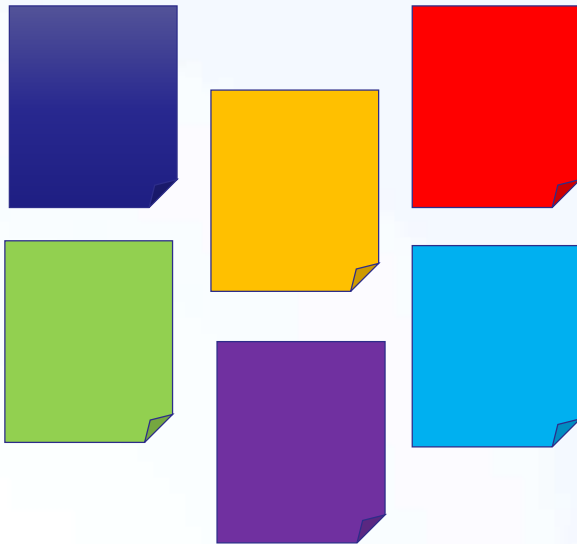
Data files at SeaDataNet format

NEMO last realease

- NEMO 1.6.5 (29/09/2017)
- What's new
  - Easier management of input CSV files
  - Detection of deprecated parameters and automatic replacement in models of data files
- Bugs corrections

NEMO – management of CSV files

NEMO – management of CSV files

SeaDataNet tools

- **OCTOPUS**: for SeaDataNet data file checking, conversions and splitting

Data files at one
SeaDataNet format

Data files at another
SeaDataNet format
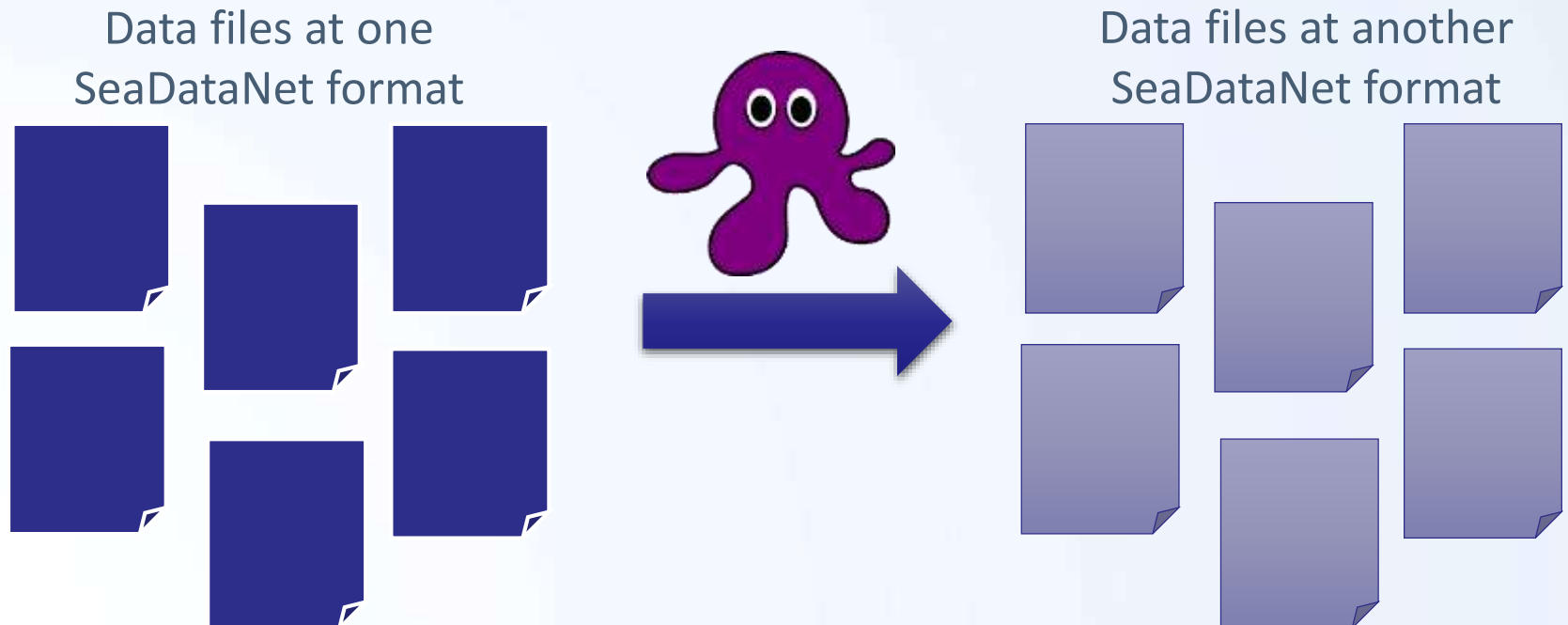
OCTOPUS

- OCTOPUS last release 1.3.9 (21/07/2017)
    - What's new?
        - More checks of ODV files and improvement of error and warning messages
        - Detection of deprecated parameters and automatic replacement when converting
    - Bugs corrections
- To come
    - Checks of netCDF SeaDataNet format
    - Checks of ODV biological format
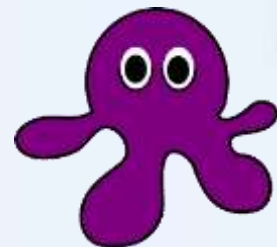
SeaDataNet tools

- MIKADO: Generation of standardised metadata XML descriptions for SeaDataNet catalogues

Metadata database

Automatic

Manual
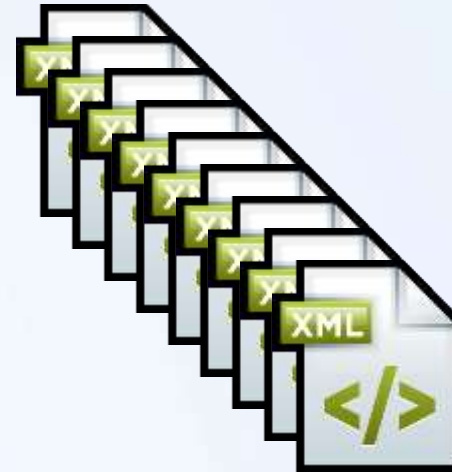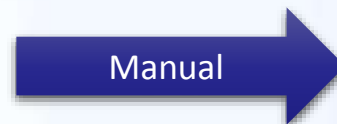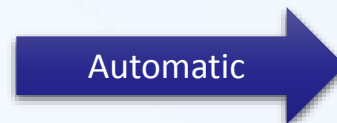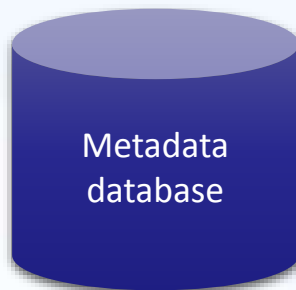
ISO-19139 / ISO 19115
Metadata descriptions

MIKADO last release

- MIKADO 3.4 (10/10/2017)

- What's new?
  - Upgraded versions of all JDBC drivers
  - Suppression of EXCEL JDBC driver
  - a new JDBC driver added to configure CSV file
  - Automatic configuration for CDI summary file of NEMO

SeaDataNet Vocabulary
NVS 2

**Collection
of
ASCII files**

**SeaDataNet
files**

**ODV
NetCDF
MEDATLAS**

**XML
CDI files**

summary_CDI_NEMO.xml
Delivered with NEMO

**SeaDataNet
CDI**

Coupling table

Export

Coupling table

**CDI summary
CSV file**

CSV

MIKADO
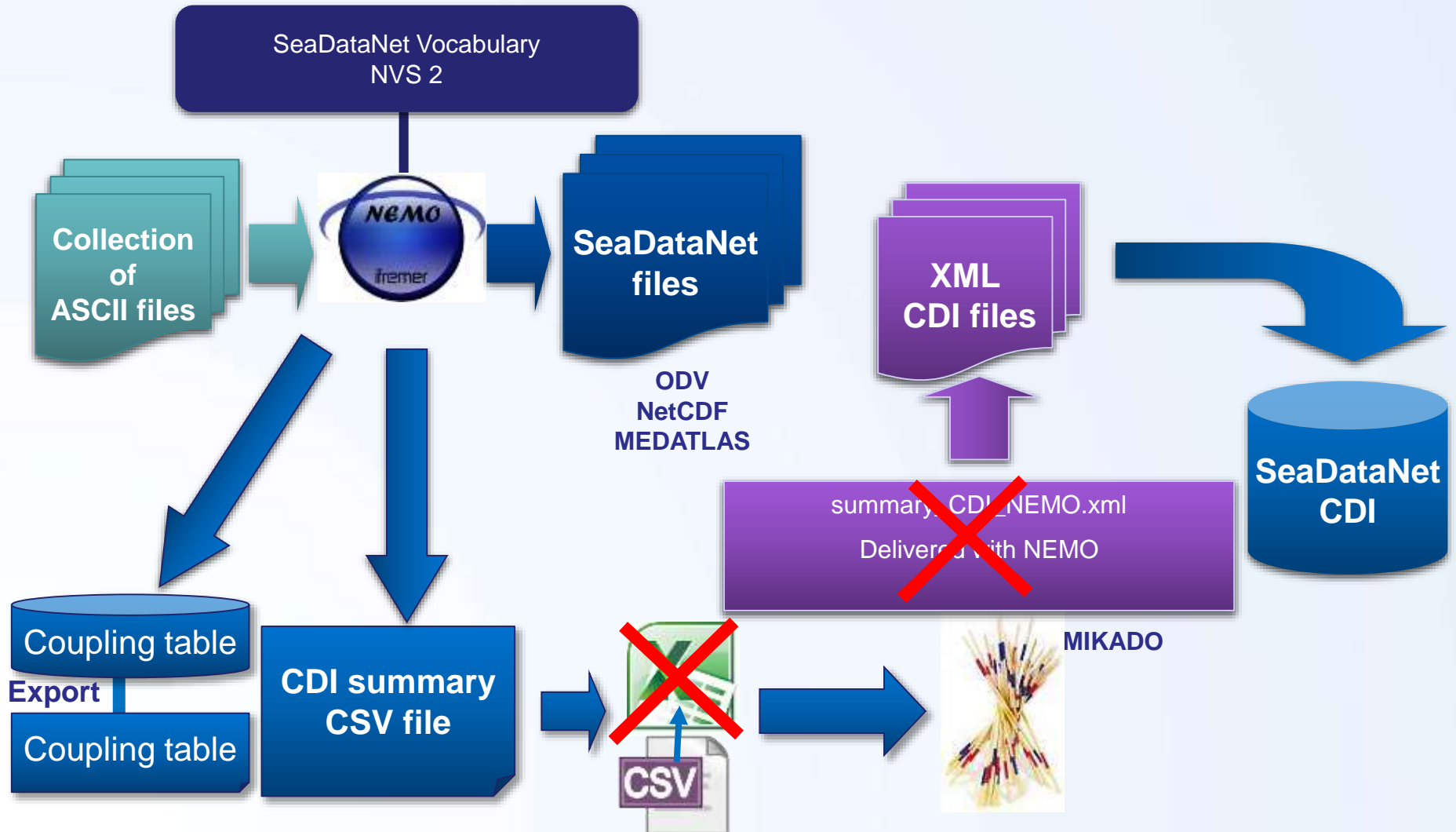
SeaDataNet tools

- **DownLoad Manager (DM)**: Downloading of data from the SeaDataNet data centres

- Last release 1.4.7 (13/10/2017)

- What's new?

    - Compatibility Java8/Tomcat8

    - Deprecated vocab terms automatically replaced

    - Java version and Tomcat Server Info added in servlet log for easier assistance

    - Simpler and shorter Installation manual

    - CAS library update from 2.0.11 to 2.1.1

    - LOG4J library update from log4j1 to log4j2

    - AXIS library update from 1.4 to 1.7.4

Thank you for your attention