





ECCAIRS 5 – Technical Course

Tools



Uniting Aviation
On
Safety | Security | Environment



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Installation Tester

Purpose

- Checking installed components for differences between current system and reference system
- Re-registration of software components

Features

- Shows source for potential errors or trouble
- Shows release version for each component
 - Blue for newer than expected
 - Green for expected release version
 - **Red for older than expected**
- Export results to support desk for help
- Executed automatically after installation



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Data Manager

Purpose

- Managing occurrence data from/to other systems, for updating occurrence data and for checking data quality

Tools and Features

- Exporter
 - Exporting subsets of data to various formats
 - Microsoft Access and Excel applications
 - Structured, non-structured and template-driven lists and reports
- Batchelor
 - Automated modification of [large sets of] data values
 - Fully customisable, script-driven, rule-driven





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Data Manager

Tools and Features (cont'd)

- Data Exchanger
 - Bulk occurrence data export, import and copy/move between repositories
- Restorer
 - Re-identifies de-identified occurrence data
- Data Quality
 - For reporting inconsistencies in occurrence data
 - Fully customisable, rule-driven


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Designer Tools

TaxDes – Taxonomy Designer

- For designing Taxonomies
 - Defines the data elements, i.e. fields, types, values, relationships, ...

SectionDes – Section Designer

- For designing Sections
 - Built using a **Taxonomy** and its the data elements

ViewDes – View Designer

- For designing Views
 - Built using **Sections**


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TaxDes – Taxonomy Designer

Purpose

- Design Taxonomies

Versions

- Viewer
- Value Manager
 - Permits management of Taxonomy values (add, edit and remove)
- Translator
 - Assists translation of Taxonomy and associated Dictionary descriptions and values
- **Customisation**
 - Manages *custom* attributes and values
 - Manages customisation of *static* attributes and values


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TaxDes – Taxonomy Designer

Features

- Produces taxonomies
- Taxonomy-specific
- Produces Dictionary profiles
 - Used in Repository Manager
- Produces taxonomy customisations
 - Used in Repository Manager and also in Section Designer and in View Designer



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SectionDes – Section Designer

Purpose

- Design Sections for View Designer
- Design *Query-By-Example* forms

Features

- Taxonomy-specific
- Sections are highly customisable
 - Attributes, Controls, Layout
- Reverse-engineering of existing sections
- View Designer combines sections for making a *View*
- Browser profile in Repository Manager uses section for *Query-By-Example* feature



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ViewDes – View Designer

Purpose



- Design Views

Features

- Taxonomy-specific
- Views are highly customisable
- Reverse-engineering of existing views
- Combines sections from Section Designer
- Browser profile in Repository Manager uses section for *Query-By-Example*



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Taxonomy Browser

Task


- Visualisation of Taxonomy Dictionary

Purpose

- Browsing of existing taxonomy values or attributes

Highlights

- Browse by View
- Shows attribute data and properties
 - Mandatory, Multiple value, ...
- Shows type of operators available on attribute
 - Equal to, Has value, ...
- Can be used side-by-side of the Query Builder



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