RDTEX Expressions for i2

The plugin is used to perform arithmetic calculations, text transformation, and other operations on i2 Analyst's Notebook schemas to obtain the properties and attributes that an analyst needs to conduct an investigation.

The plugin is intended:

- Reduce analyst manual work in preparing data for investigations
- Automate merging multiple data sources
- Improve the data quality for investigation

The plugin successfully used to perform the following tasks:

- Automatic external data merging (iBase, EIA, etc.) with existing investigations:
  - solving the problem with filling in entity identifiers;
- Improving the schema data quality:
  - cleaning text data from double spaces, extra characters, etc.;
  - merging duplicate attributes to a single sample;
  - missing attributes calculation based on loaded data;
- Properties and attributes calculations automation required for investigations

Functional features:

- Distributed as a standalone installation package;
- Embedded in i2 ANB. Called from i2 ANB menu with right mouse button;
- Has a rule-setting interface with the ability to independently change and add;
- Has a convenient rule constructor for filtering and modifying data;
- Allows you to merge batch start rules;
- Saves the configuration of rules in the file for export/import;
- Running the last action.

The plugin usage examples:

- The Entity Identifier automatic generation based on the EDRPOU/TIN code for the automatic data merger of Ukraine enterprises and organizations, obtained from iBase, i2 Connect or EIA, with existing investigations schemes
- Clearing text from duplicates, double spaces, replacing Latin characters with similar Cyrillic ones, to find matches in object names
- Attribute unification: replacing attributes downloaded from different sources with a single attribute system adopted in the organization
- Calculation of the amount in national currency based on the amount in foreign currency and the exchange rate
- The event end date and time calculation based on the start date and the validity period
- The attribute words separation "Full name" into separate attributes "Surname", "First name", "Patronymic"
- Displaying the amount in words
- Adding a transaction period to the transaction name

Додаткову інформацію про послуги РДТЕХ, пов'язані з технологіями i2, Ви можете знайти на сайті www.rdtex.ua
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