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RDTEX Expressions for i2

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

December 01, 2021 – Version 0.5.5 released:

- + Added REGEXREPLACE function – replace text with regular expression
- * Changed the CLEARE function – added the ability to clear phone numbers
- * Installer interface translated into Ukrainian