

## Collective Revisions & Operations

### Update processes & modifications of master data made easy

With the cloud-based STREAM app Collective Revisions & Operations, mass updates of many types of publishing-specific data are possible as part of a simple and straightforward process.

The app provides a list of data types (such as contact, product, work, contract, etc.) which can be modified by making use of pre-defined tasks. You start with selecting the data for which updates should be processed.

#### Many options for selecting the data that is to be changed

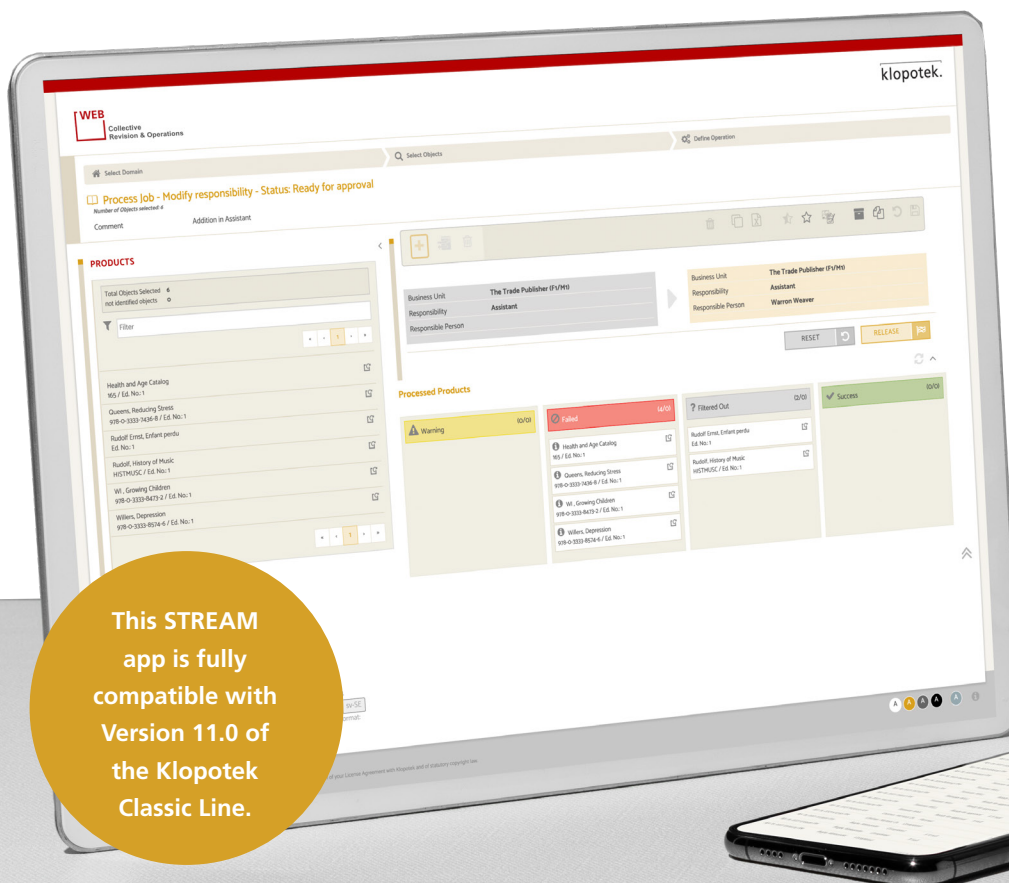
Using the blazing fast Solr search functionality, you can, e.g., access a list of contacts in a quick and easy way, or collect title, work, or contract related data (simple & advanced search). In the results list, you select all data for being modified or customize the selection.

In case you don't want to do an ad-hoc search, you can also make use of a product selection from the STREAM app Title Collector: this can be the starting point for the modifications that are to be made – you simply enter the selection ID number and, by doing so, define the basis for the titles that are to be changed.

And there's more: external lists (all items separated with a comma) are even sufficient, provided that they have a defined ID number (GTIN, ISBN, order number) – Collective Revisions & Operations will handle the validation of the data areas that will be affected by the change; the user does not have to deal with title ID numbers, editions, etc. Simply access the list in your data storage system, define the ID number of the list, and the list is ready for being imported into the app. The system will notify you if all data is valid; for doing a quick check of the import, the short titles are displayed.

#### KEY FEATURES AND BENEFITS

- Update & modification processes of master data ('domains') made a simple task
- Domains are 'Contact', 'Product', 'Work', 'Contract', etc.
- Many options for defining a group of objects to be modified (search, references, upload a csv file)
- Variety of processes to perform, such as 'Classifications', 'Responsibilities' etc.
- Actual job is simply: 'Add' / 'Replace' / 'Delete' data
- Option for processing the selected modifications first without doing the actual changes to the database (adjust list manually after having received success indicator flags for items, then do actual changes to database)
- Modification history; favorite jobs; 'My jobs'
- Duplicate jobs; overview of processes
- Operations beyond the core functionality, e.g. configurable MS Excel® download option; update functionality for prices that have been defined externally
- Fully compatible with Version 11.0 of the Klopotek Classic Line



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Once the data records have been defined by selecting one of the options described above, you choose what is to be done to the data. After having opted for a process, the respective modification procedure is created. There are process types to choose from, such as 'Modify classifications', 'Change responsibilities', 'Change publisher', 'Modify publishing segment', etc. Or, you do a product export.

### Add / replace / delete

On the level of actually doing the changes, you simply select 'add' information, 'replace' existing data with new data, or 'delete' data. For each of these options, a source and a target definition can be specified: the source definition enables you to filter the selected domain objects by specific characteristics, while the target definition specifies the data to be used for the update.

### Option for checking the modifications first

With Collective Revisions & Operations, it is possible to update all data objects with the selected source/target definition, but without updating the database. Instead, you will get a list of the data that is to be modified, and each item is flagged with a success indicator (i.e., 'successful'; 'not successful because of source definition'; 'not successful because of target definition'). Now you can remove the erroneous objects by deselecting them manually from the list. Following a confirmation, the app will then execute the changes on the database.

Each update is registered in the modification history for the respective data set. The app also records the order of revisions and the products that have been adjusted; in so doing, all dependencies of the objects that are referenced are taken into account and added to the history accordingly.

### Save time for recurring and similar mass update jobs

For the processing jobs you do frequently, you can create favorites for the respective job definitions (e.g., every six months, for newly published titles, specific classifications are to be added to these products). Your 'job definition favorites' are available for being executed for other object selections.

It is also possible to duplicate jobs you do with the app, for example, if you'd like to perform a similar job (or a 'favorite job') for a selected list of products (or list of contracts, of contacts etc.). By so doing, the job definition and the selected objects are opened in a new job, the status is reset, and you can modify the definitions or select a 'favorite' for this.

### 'My jobs' & processes overview

Collective Revisions & Operations features a personal job list for each user. In this list, you'll find all jobs that have not yet been archived with information on their status. This is helpful if you have, for example, started a large job and want to check, after some time, if it has already been completed; or if you want to search for an old job that you'd like to duplicate.

Of course, the app can also display an overview of all jobs per domain and process (including status information which can be used as a filter).

### Operations beyond the core functionality

As a flexible app, Collective Revisions & Operations also offers options beyond its

core functionalities. There is a configurable MS Excel® download option: for a selection of products, you can choose a number of attributes, which are then exported as columns of a spreadsheet. As a result of this, the workflow cycle 'export a data list / edit this data externally / import these edits into Collective Revisions & Operations and process these changes in the system' is made efficient and easy to handle.

In addition to this, the app provides an update functionality for executing price modifications that have been defined externally. The price models are always consistent and in line with the validations created with the STREAM app Sales Price Manager. Period and edition prices are supported, as well as generating prices in different currencies. Our 'check & execute' approach ensures that you can have a close look at which price definitions are correct (and which are wrong) prior to doing the changes. New product prices can also be part of an Excel®-csv upload.

This STREAM app is fully compatible with Version 11.0 of the Klopotek Classic Line, so your company can run this app based on the Classic Line if rolling out STREAM is currently not happening.

