CLAIMS

1. A method for synchronizing data between data sources, comprising:
presenting a user with a graphical user interface to input values for configuration parameters for a synchronization task between a first data source and a second data source;
determining values of the configuration parameters at least partially based on user input to the graphical user interface;
generating a synchronization task configuration file by including each determined configuration parameter value into a section of the configuration file assigned to the configuration parameter according to a pre-defined configuration file structure; and
starting a synchronization task in accordance with the generated configuration file,
wherein the synchronization task configuration file comprises a section for parameters related to the first data source, a section for parameters related to the second data source and a general section and generating the synchronization task configuration file comprises classifying the determined configuration parameter values according to whether they relate to the first data source, relate to the second data source or are general configuration parameters and putting each configuration parameter value in the section of the synchronization task configuration file to which it relates.

2. The method of claim 1, wherein starting the synchronization task in accordance with the generated configuration file comprises supplying the generated configuration file to a data synchronization framework.

3. The method of claim 1 or 2, wherein the synchronization task comprises a transmission of data from the first data source to the second data source.

4. The method of claim 3, wherein the values of the configuration parameters include the information that the first data source is an origin data source of the transmission and that the second data source is a destination data source of the transmission.

5. The method of any one of claims 1 to 4, wherein the values of the configuration parameters include information about formatting functions to perform on the data for transmitting data from the first data source to the second data source.

6. The method of any one of claims 1 to 5, wherein the values of the configuration parameters include information about the first data source and the second data source.

7. The method of claim 6, wherein the information about the first data source includes an identification of the first data source and wherein the information about the second data source includes an identification of the second data source.

8. The method of any one of claims 1 to 7, wherein determining values of the configuration parameters comprises presenting possible values of the configuration parameters via the graphical user interface for selection and confirmation.

9. The method of one of claim 8, wherein determining values of the configuration parameters comprises receiving an original synchronization task configuration file and parsing the original synchronization task configuration file to determine possible values of the configuration parameters.

10. The method of claim 9, wherein generating the synchronization task configuration file includes keeping configuration parameter values of the original configuration file which have been confirmed by user input to the graphical user interface and updating configuration parameter values which have been changed by user input to the graphical user interface.

11. The method of any one of claims 1 to 10, wherein the pre-defined configuration file structure is a FlinkX configuration file structure.

12. The method of any one of claims 1 to 11, comprising performing the synchronization task using FlinkX.

13. The method of any one of claims 1 to 12, wherein the pre-defined configuration file structure is a JSON format.

14. A data synchronization device comprising a communication interface, a memory interface and a processing unit configured to perform the method of any one of claims 1 to 13.

15. A computer program element comprising program instructions, which, when executed by one or more processors, cause the one or more processors to perform the method of any one of claims 1 to 13.

16. A computer-readable medium comprising program instructions, which, when executed by one or more processors, cause the one or more processors to perform the method of any one of claims 1 to 13.