



MODULE

DIGITAL BUSINESS LOGIC ARCHITECT

BUILD BUSINESS PROCESS DIAGRAMS AND
ALGORITHMS

Digital Business Logic Architect is a software designed to build business process diagrams and algorithms. It allows to set various parameters and functions. The module comprises process modelling functions (visual representation to show the logic and the sequence of steps) and process implementation functions (launching an actual business process in the electronic form).

The software allows to apply the logic of an actual business process (hereinafter referred to as BP) to the system. It is performed through a graphic interface.

The module allows to form a schedule for automatical generation of BP instances according to templates. The module allows to edit the created BP instances real time (edit their structure, state, shift them to the proper stage).

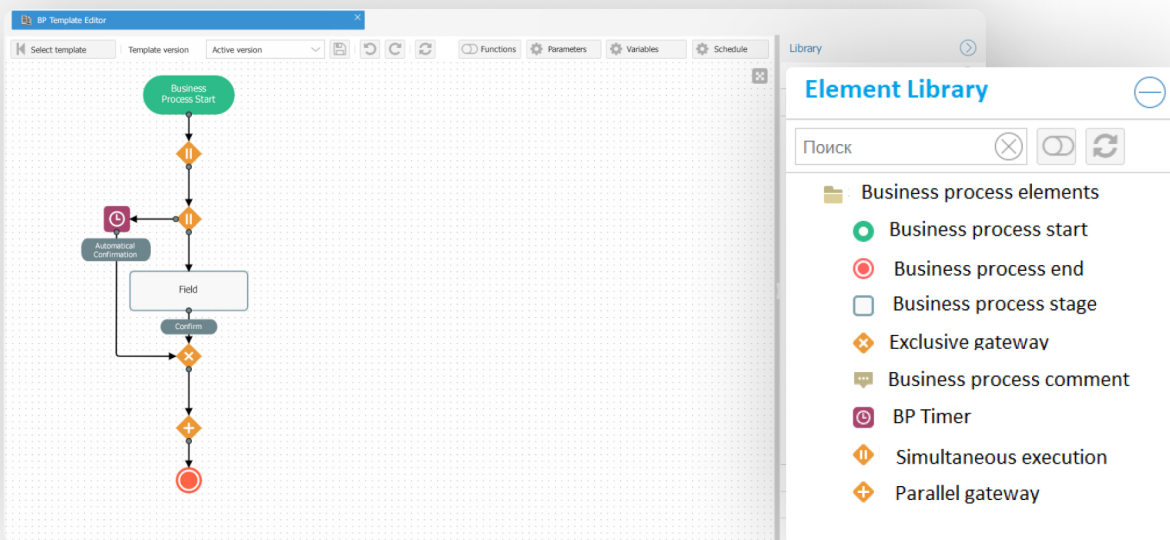
The module allows to define the logic of the access given to users for them to get to forms and stages of BP. It allows to create and set the logic of stage verification, to adjust the way the stages' outcomes effect the further flow of BP. The module process platform allows to integrate the business process designer into other process solutions by using API or defining local and global variables.

CREATING TEMPLATES FOR BUSINESS PROCESSES

The module allows to create new (blank) templates for business processes, as well as templates for business processes based on existing templates. Business process templates are divided into groups.

The module has user-friendly tools for modelling business processes and a top-of-the-line core for process implementation. Therefore, the module allows to make most complex and forked processes automatic.

The business process designer provides an opportunity to arrange ultimately effective operation of personnel, as they will be given clear instructions to follow, a subsequent step-by-step assistance on the way to the desired outcome.



The template library includes a list of basic business processes. The library makes it possible to quickly integrate the module into the company's business.

SETTING BUSINESS PROCESS



Setting a business process is required to define the processes in reports: confirmation, approval, cell locking, mailout, etc.; as one of the outcomes of an accomplished business process or a business process stage is data transmission to the system reports.



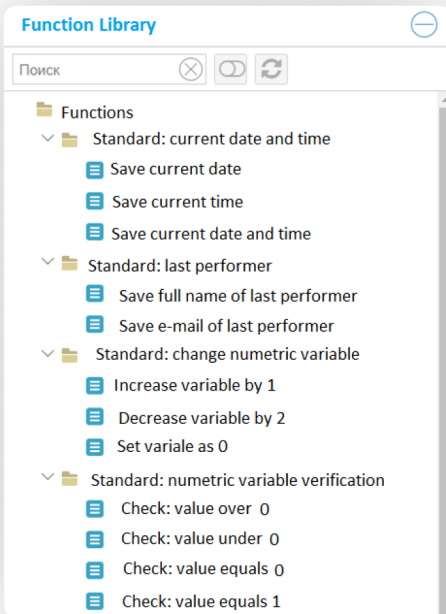
The module's functions allow to create versions of business processes, the quantity of versions is unlimited. The list of business process versions allows editing the description of the previously created versions and adding new versions.



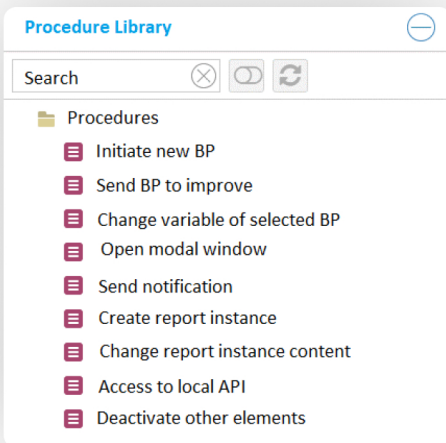
Business processes are set through editing parameters. Parameters identify the uniqueness of a business process instance. A group of business process parameters defines of the business process belongs to the report. Each business process has a list of mandatory parameters (a unique definition of the BP template): company's code, page code, object and report date.



The system allows to manage the content of a business process by simply dragging elements to the business process workspace through the module graphic interface. The module's functions support all common functions, such as selecting a group or a single item, bringing the workspace forward/back, storing the alteration history, cancelling or resetting actions, automatic online saving, accelerating hot keys.



Besides the element library in the module there is a function library. It allows to set the logic of a business process operation through preset and user's functions. Function setting allows to specify the sequence and alignment of the business process stages. It allows to specify the quantity and priority of the function's inputs and outputs.



The module allows to integrate the business process into the main infrastructure of the system. It is ensured through preset and user's procedures. The procedures make it possible to automatically create new business processes based on the existing ones, to erase all active states of the external business processes and put them back to the start, to form and show modal windows, notifications, to send messages, to create report copies and transmit data to global and local variables, to launch API procedures with specified parameters.

Besides business process there are sub-processes in the system. Sub-processes are existing business processes. Sub-processes accelerate creation of BP and allow to avoid correcting similar actions. It will take only correcting the sub-process.

The system supports creating and editing forms to visualize interaction between the user and the business process. The system allows to set access rights for both the entire business process and its certain stages.

WORKING WITH BUSINESS PROCESS INSTANCE

The module allows to automatically create business process instances according to a schedule. The schedule is set through specifying the frequency (daily/weekly/monthly), number of starts throughout the day and duration (start date/finish date) of the business process.

Business process instances are created by the system automatically according to the schedule established in the business process template. The module allows to alter both a certain business process instance and the business process template to apply global changes.

+ Edit schedule ⊗

Description: On

Frequency

Performed:

Repeated every: day(s)

Times/day

Single task

Performed every Start: End:

Duration

Date of start:

Date of end:

No date of end

Details

A business process instance allows to visually track to movement along the established routes, see the movement history and pass the route manually.

Digital Business Logic Architect has turnkey solutions for business tasks automation, user tools for setting and adjusting the system, that is why it allows to adopt a process approach at the company's various subdivisions and efficiently manage changes at the scale of the entire enterprise.