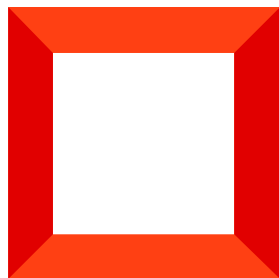
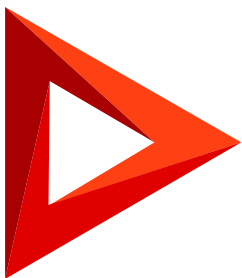


# Process administration

Trace process parameters

Version 7.17



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PRODUCTS: ALL CREATIO PRODUCTS

Process element [parameters](#) determine the behavior of the element in each particular process instance. Tracing the actual parameter values that were used in a specific process instance is a great way to test and debug business processes in Creatio.

You can enable tracing for a particular process by selecting the [ *Trace enabled* ] checkbox on the process properties page of the [ *Process library* ] section. Trace data becomes available on the [ *Process elements* ] detail of the process log page for all process instances that have been run while the checkbox is selected.

**Attention.** Parameter data can be traced for the following process elements: all elements in the “User actions” group, as well as the [ *Read data* ], [ *Add data* ], [ *Modify data* ], [ *Delete data* ], [ *Change access rights* ], [ *Call web service* ], and [ *Subprocess elements* ].

**Attention.** Process tracing should only be enabled for a short period of time to avoid negative impact to performance.

To trace process parameter values:

1. Enable parameter value tracing for that process:
  - a. Open the [ *Process library* ] section.
  - b. Select the needed process and click [ *Properties* ].
  - c. Select the [ *Trace enabled* ] checkbox on the process properties page.
  - d. Save changes made to the process properties page.
2. Run the process.
3. Go to the [ *Process log* ] section.
4. Open the process log entry for the process instance that you just run.
5. On the [ *Process elements* ] detail, select a process element whose parameter values you need to check.
6. Click the [ *Show trace data* ] button (Fig. 1).

Fig. 1 - Viewing parameter information of a process element

The screenshot shows a process trace interface for a process titled "Add account". The process status is "Running" and the owner is "Supervisor". The start date is "4/25/2018" at "9:17 AM". The "Trace data available" checkbox is checked. Below this, there are buttons for "Run item" and "Show Trace Data", with a mouse cursor hovering over the latter. A table below shows the process elements:

Caption	Status	Start date	End date
Schedule meeting	Running	4/25/2018 9:18 AM	
Add new account	Completed	4/25/2018 9:17 AM	4/25/2018 9:18 AM

As a result, a parameter trace dialog will open, showing values for all parameters of the process element, before and after element execution (Fig. 2). The trace data are shown in the JSON format. The trace log displays both the element parameters and the process parameters before and after element execution.

Fig. 2 - Parameter trace data of a process element

The screenshot shows a parameter trace dialog displaying JSON data. The data is structured as follows:

```

{
  "Element parameters": [
    {
      "Parameter": "IsRunning",
      "Value": {
        "Before execution": "False",
        "After execution": "True"
      }
    },
    {
      "Parameter": "Approver",
      "Value": {
        "Before execution": "00000000-0000-0000-0000-000000000000",
        "After execution": "4be9c4bb-8e79-4539-9173-17c8a766b671"
      }
    },
    {
      "Parameter": "Approval objective",
      "Value": {
        "Before execution": "",
        "After execution": "Approve contract specification"
      }
    },
    {
      "Parameter": "Delegation permitted",
      "Value": {
        "Before execution": "False",
        "After execution": "True"
      }
    }
  ]
}

```

For example, according to the text on the figure, the value of the "Approval objective" parameter has changed from empty to "Approve contract specification," the value of the "Delegation permitted" parameter changed from "False" to "True," etc.