

# Open SCADA system — OpenSCADA 0.8.0

(documentation)

## Release

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## Main system documents

[Main document about OpenSCADA system](#) —  [file](#)

[Terms and abbreviation](#) —  [file](#)

[Frequently answers to queries about OpenSCADA system \(FAQ\)](#) —  [file](#)

[Programm manual](#) —  [file](#)

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[OpenSCADA system API](#) —  [file](#)

[The manual for building of OpenSCADA from source texts](#) —  [file](#)




[Manual for the creation of modules for OpenSCADA](#) —  [file](#)

[Guide to localize crashes and to report about them](#) —  [file](#)

## User API libraries






































- [User API of the OpenSCADA core object model](#) —  [file](#):
  - [User object API of language JavaLikeCalc.JavaScript](#) —  [file](#)
  - [User object API of the visual control area engine](#) —  [file](#)
- [API functions library of the OpenSCADA object model](#):
  - [The library of functions compatible with SCADA Complex1 of the firm Ltd SIC "DIYA"](#) —  [file](#)
  - [The library of standard mathematical functions](#) —  [file](#)
  - [The library of system API of user programming area](#) —  [file](#)
  - [Library of models of technological devices](#) —  [file](#)



## Graphic Elements' libraries of the OpenSCADA system

- [Main elements library of the user interface](#) —  [file](#)
- [Mnemonic elements library of the user interface](#) —  [file](#)
- [Electrical elements library of the user interface](#) —  [file](#)

## Documents to OpenSCADA modules

- Subsystem "Archives":
  - [The archivator to FS](#) —  [file](#)
  - [The archivator to DB](#) —  [file](#)

- Subsystem "Data bases (DB)":
  - [DB DBF](#) —  file
  - [DB MySQL](#) —  file
  - [DB SQLite](#) —  file
  - [DB FireBird](#) —  file
  - [DB PostgreSQL](#) —  file
- Subsystem "Data acquisition (DAQ)":
  - [Diamond data acquisition boards](#) —  file
  - [OS data acquisition](#) —  file
  - [Block calculator](#) —  file
  - [Java-like language calculator](#) —  file
  - [Logical level parameters](#) —  file
  - [Simple Network Management Protocol](#) —  file
  - [Siemens S7 PLC](#) —  file
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  - [Data sources gate](#) —  file
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- Subsystem "Transports":
  - [Sockets](#) —  file
  - [Security Socket Layer](#) —  file
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- Subsystem "Transport protocols":
  - [HTTP](#) —  file
  - [Self system protocol](#) —  file
  - [User protocol](#) —  file
  - [ModBus](#) —  file
  - [OPC UA](#) —  file
- Subsystem "Special":
  - [SCADA Complex1 \(NIP "DIYA"\) compatibility user level functions](#) —  file
  - [Standard mathematical functions library](#) —  file
  - [Functions library of system API of user level programming](#) —  file
  - [OpenSCADA system's tests](#) —  file
- Subsystem "User interfaces":
  - [QT GUI starter](#) —  file
  - [System configurator - QT](#) —  file
  - [System configurator - Web](#) —  file
  - [Dynamic Web configurator](#) —  file
  - [Visual control area engine](#) —  file
  - [Operation user interface - QT](#) —  file

- [Operation user interface - Web](#) —  [file](#)
- [Web-interface from the user](#) —  [file](#)