# Open SCADA system — OpenSCADA 0.8.0

(documentation)

## *Release*

Release notes — ▷file

Characterizations and demands — ▷file

## *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

Quick Start — ▷file

Data acquisition in OpenSCADA — ▷file

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](#)
    - [ModBus](#) — 🗎[file](#)
    - [DCON client](#) — 🗎[file](#)
    - [ICP DAS client](#) — 🗎[file](#)
    - [Data sources gate](#) — 🗎[file](#)
    - [Sound card](#) — 🗎[file](#)
    - [OPC UA](#) — 🗎[file](#)
    - [BFN](#) — 🗎[file](#)
- Subsystem "Transports":
    - [Sockets](#) — 🗎[file](#)
    - [Security Socket Layer](#) — 🗎[file](#)
    - [Serial interface](#) — 🗎[file](#)
- 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