

OBJECT NAVIGATOR (version 1.0) application is based on Client-Server architecture. Server's side can be placed on different OS platform. OBJECT NAVIGATOR Client is an applet written in Java embedded in HTML page
 For Client side only Java 1.3-compatible browser (Netscape 6 or IE with Java 1.3 plug-in) is required. Internet browser with Java (Java Virtual Machine) makes it possible for your computer to run applets - Java applications.

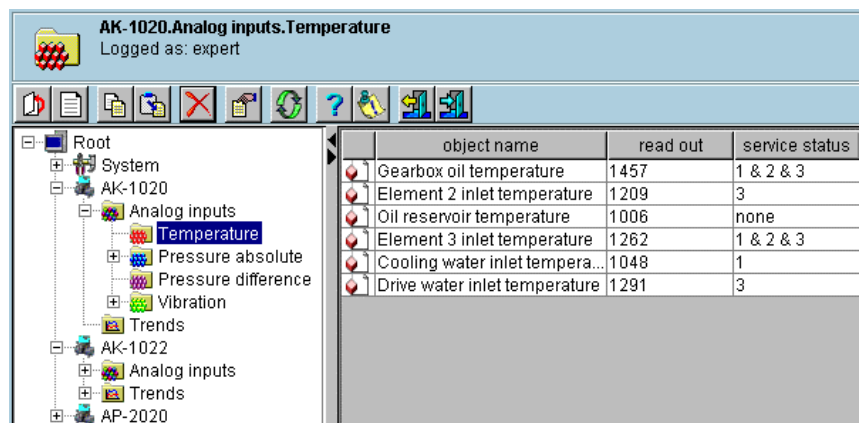
Server's side is called **ON SERVICE** and is composed of the following modules:

- Object Navigator Server, which supports Clients application,
- Object Access Server, which supports custom applications (for instance object viewer),
- HTTP Server (server for read only files).

All modules are in one exe file. ON SERVICE is written in ANSI C.

OBJECT NAVIGATOR Client consist of one applet. This applet and other application applets are executed on the Client side in browser environment (exactly in JVM -Java Virtual Machine).

Main idea of the OBJECT NAVIGATOR is to manage of representation of objects in our real world in easy way using hierarchical **tree** structure and view of specific values of these object representation. Each object in the tree is represented as a set of values. Some of these values (user define it in INI file) can be shown in a row of a **table**.



Environment:

- Operating system: Win NT, 2000, 98
- Browser: Internet Explorer v. 4.5, 5.x, 6 or Netscape 6.x
- Java TM 2 Runtime Environment, Standard Edition, v 1.3.1

Screen resolution (Auto-adjustable):

- 800x600 (minimal resolution), 1024x768 or 1280x1024 (other values are also available).

Language version:

- English and German, Other languages can be supported (no limitation).
- All language messages are stored in external text file.

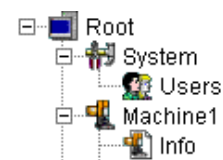


Configuration files:

- ONService.ini - contains static object definitions of all objects: icon and table representation, structure of the objects.
- ONConfig.ini - configuration and plugin list.

User system and permissions:

- Two predefined users: Administrator (all permissions) and Visitor (read only rights).
- Up to 14 users with rights for his own objects (password required).
- User permissions are not transferable to another user.
- User objects are not visible for another user.

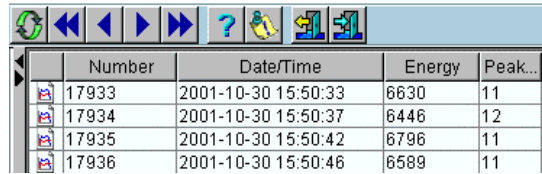


Client work mode:

- Access over Internet or Intranet (limited up to 16 workstations).

GUI parameters:

- Tree level: up to 8 levels
- Table column: 16
- Table row: 20
- Object definition: 100
- Specified object can be auto-refreshed

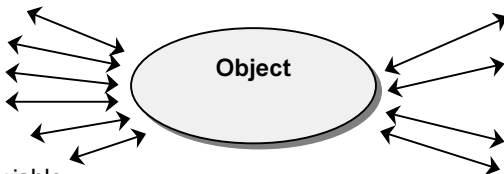


	Number	Date/Time	Energy	Peak...
	17933	2001-10-30 15:50:33	6630	11
	17934	2001-10-30 15:50:37	6446	12
	17935	2001-10-30 15:50:42	6796	11
	17936	2001-10-30 15:50:46	6589	11

Help system - based on HTML files.

OBJECT NAVIGATOR Interface Methods
(*to be implemented by user*):

- Create
- Delete
- Copy
- Paste
- Open
- Export
- Read Variable



Object Access Interface Methods - interface to the object applications (*to be implemented by user*):

- Emit** (exports object data to dedicated Object Application Method)
 - Imit** (import object data from dedicated Object Application Method)
- Supporting methods:
- Basic Application Method** (usually: Object Editor)
 - Auxiliary Application Method** (usually: Object Properties)

Development environment:

- ONSERVICE - Visual C/C++ ver.6.x,
- ONAVIGATOR - Java 2 SDK Standard Edition v.1.3.1_01

Size of components:

ONSERVICE library - 350 kb
ONAVIGATOR.JAR - 168 kb
