

# **Quick Start of David system for console version**

## **Technical documentation**

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# **Quick Start of David system for console version : Technical documentation**

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# Chapter 1. The typical installation of David system for console platform

## 1.1. Assumptions

We assume that the installation includes the following products of David system:

- **David system Common Files**,
- **David system Libraries**,
- **Network Manager (console version)**,
- **Operation Manager (console version)**.

We assume that the operating system has installed following components required by David system:

- **Net-SNMP** (<http://www.net-snmp.com>) library (libnetsnmp.so.15),
- Qt3 library from **Nokia** (<http://qt.nokia.com>) (libqt-mt.so.3),
- **PHP 4 interpreter** (<http://www.php.net>) (with a support for GD, SNMP and MySQL) as CLI,
- the client library of **MySQL** (<http://www.mysql.com>) database.

We assume that the entire system will be installed on a single computer station with a Linux system as the operating system.

We assume that an individual installing David system acts as the user `root`.

We assume that names of particular archive files are as follows:

- for the product **David system Common Files** - `david-3.0.0-common-1.0.0.tar.gz` (or `david-3.0.0-common-1.0.0.noarch.rpm`)
- for the product **David system Libraries** - `david-3.0.0-lib-1.0.0.i386.tar.gz` (or `david-3.0.0-lib-1.0.0.i386.rpm`)
- for the product **Network Manager (console version)** - `david-3.0.0-nm-c-3.0.0.i386.tar.gz` (or `david-3.0.0-nm-c-3.0.0.i386.rpm`)

- for the product **Operation Manager (console version)** - david-3.0.0.om-c-0.27.0.i386.tar.gz (or david-3.0.0.om-c-0.27.0.i386.rpm)

## 1.2. The installation order of David system products

It is essential that **David system Common Files** will be the first installed product. Thus the sequence of the installations of the products is as follows:

1. **David system Common Files,**
2. **David system Libraries,**
3. **Network Manager (console version),**
4. **Operation Manager (console version).**

## 1.3. The installation of the product David system Common Files

### 1.3.1. The installation from the RPM

- Install the product:

```
rpm -i david-3.0.0-common-1.0.0.noarch.rpm
```

### 1.3.2. The installation from the script

- Uncompress and unpack the archive:

```
gunzip david-3.0.0-common-1.0.0.tar.gz  
tar xf david-3.0.0-common-1.0.0.tar
```

The operations create a directory david-3.0.0-common-1.0.0 in your current directory.

- Change your current directory to david-3.0.0-common-1.0.0:

```
cd david-3.0.0-common-1.0.0
```

- Run the installation script:

```
./install
```

## 1.4. The installation of the product David system Libraries

### 1.4.1. The installation from the RPM

- Install the product:

```
rpm -i david-3.0.0-lib-1.0.0.i386.rpm
```

### 1.4.2. The installation from the script

- Uncompress and unpack the archive:

```
gunzip david-3.0.0-lib-1.0.0.i386.tar.gz  
tar xf david-3.0.0-lib-1.0.0.i386.tar
```

The operations create a directory `david-3.0.0-lib-1.0.0.i386` in your current directory.

- Change your current directory to `david-3.0.0-lib-1.0.0.i386`:

```
cd david-3.0.0-lib-1.0.0.i386
```

- Run the installation script:

```
./install
```

## 1.5. The installation of the product Network Manager (console version)

### 1.5.1. The installation from the RPM

- Install the product:

```
rpm -i david-3.0.0-nm-c-3.0.0.i386.rpm
```

### 1.5.2. The installation from the script

- Uncompress and unpack the archive:

```
gunzip david-3.0.0-nm-c-3.0.0.i386.tar.gz  
tar xf david-3.0.0-nm-c-3.0.0.i386.tar
```

The operations create a directory `david-3.0.0-nm-c-3.0.0.i386` in your current directory.

- Change your current directory to `david-3.0.0-nm-c-3.0.0.i386`:

```
cd david-3.0.0-nm-c-3.0.0.i386
```

- Run the installation script:

```
./install
```

## 1.6. The installation of the product Operation Manager (console version)

### 1.6.1. The installation from the RPM

- Install the product:



```
rpm -i david-3.0.0-om-c-0.27.0.i386.rpm
```

## 1.6.2. The installation from the script

- Uncompress and unpack the archive:

```
gunzip david-3.0.0-om-c-0.27.0.i386.tar.gz  
tar xf david-3.0.0-om-c-0.27.0.i386.tar
```

The operations create a directory `david-3.0.0-om-c-0.27.0.i386` in your current directory.

- Change your current directory to `david-3.0.0-om-c-0.27.0.i386`:

```
cd david-3.0.0-om-c-0.27.0.i386
```

- Run the installation script:

```
./install
```

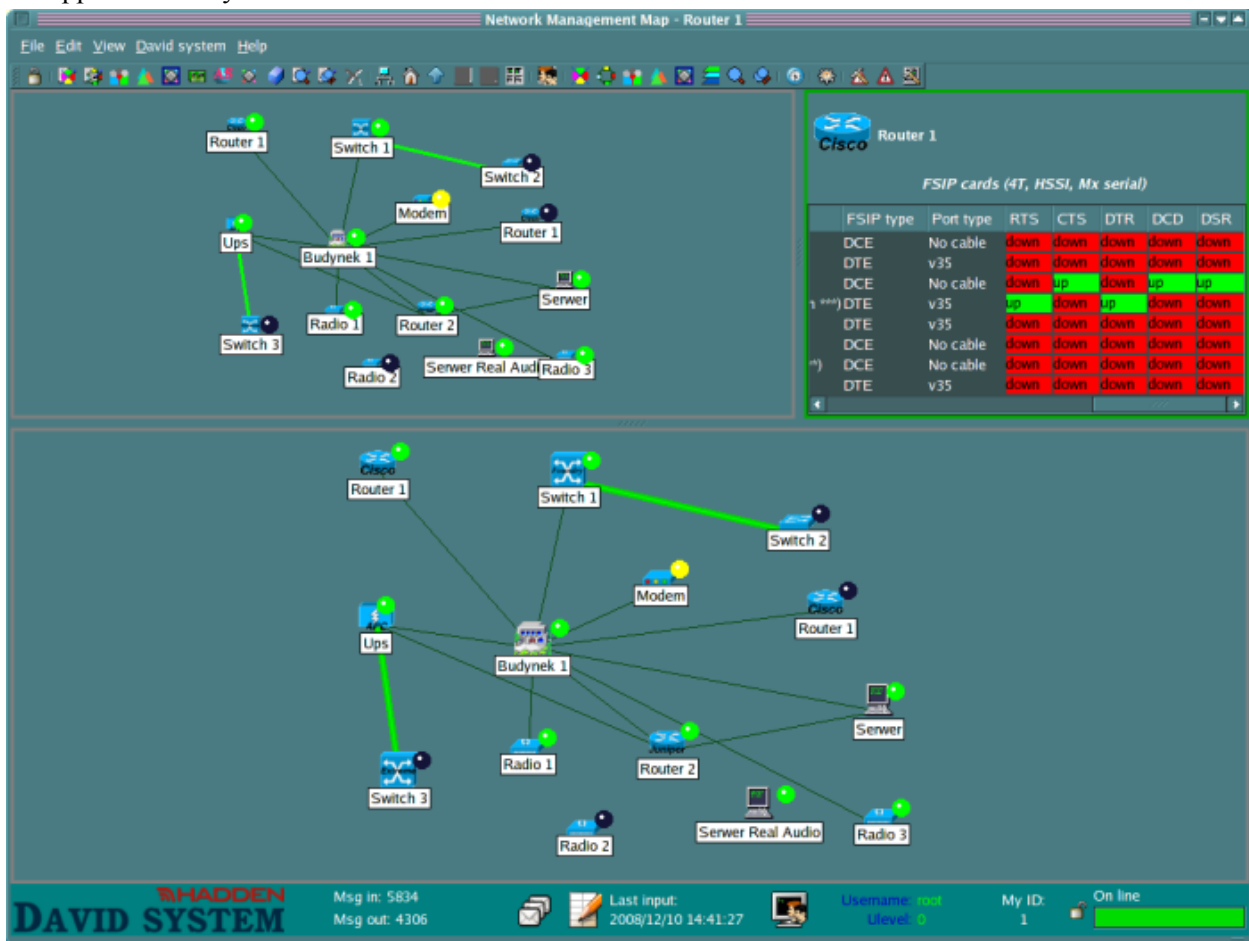
# Chapter 2. Running of David system


## 2.1. Running of Network Management Map (xdnmm)

Working of the system wouldn't be completed without running of **Network Management Map**, that allows you to control a lot of working parameters of the system and also visualises states of devices. If you want to run the module, you should type:

```
/usr/bin/david-system/xdnmm
```

As a result, **Network Management Map** application should be opened. After connecting to the system, the application may look like below.



The only reason the installation of the console version makes sense is installing it on a different computer than the server version. So, keep in mind to change the configuration of the connection parameters the server which **Network Management Map** must be connected with. In order to change this configuration press the button  that is located on the toolbar or use the menu View->Configure. The configuration window presents the image below:

