



Introduction

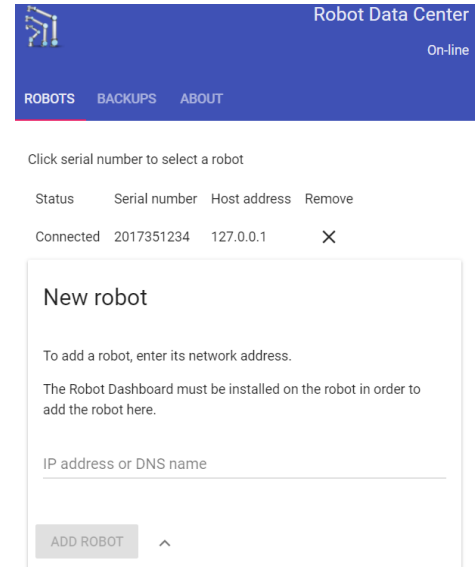
The Robot Data Center is a server application made for Universal Robot robots. It makes it possible to automate backup of data from any robot with network access to the server.

For evaluation it is possible to download the software for free. See the instruction at <http://kimnyholm.com/universal-robots/>.

Features and benefits

The Robot Data Center makes it possible to automate backup and download robot data with an easy-to-use web interface.

- Configuration using an easy-to-use web interface
- Backup from any number of robots
- Backup any number of directories from a robot
- For each directory specify manually, hourly, daily or weekly backup
- Reduce data storage using zip compression
- Automatic remove old backups
- Download backup'ed data using standard web browsers



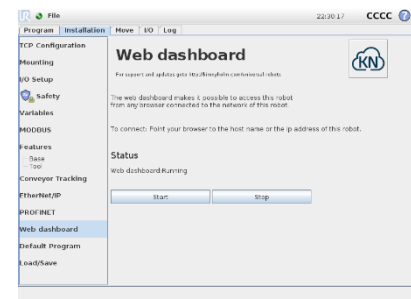
How does it work

The Robot Data Center requires the Robot Dashboard URCap to be installed on the robots. The Robot Dashboard URCap implements a web RESTful API, through which the Robot Data Center retrieves backup data.

A single page application in a web browser is used to access the Robot Data Center.

Compatibility

Robots: UR3, UR5, UR10
 Controller boxes: CB3.1
 Software versions: Polyscope 3.4 and higher



Browser support

The Robot Data Center supports most modern web browsers with HTML5 and JavaScript support on Windows, Linux, IOS and Android.

Recommended browsers and platforms:

- Windows 10: Chrome and Internet Explorer
- Android: Chrome and Samsung Internet





- IOS: Safari
- Linux: Firefox

Server requirements

The Robot Data Center requires Ubuntu Xenial (16.04 LTS) for the server.



Network requirements

TCP ports 80 and 3000-3003 must be opened on the Robot Data Center, e.g. not blocked by firewalls.

Licenses

Licenses apply for a single installation. The following licenses exists:

- Free 30-day evaluation license
- One-time purchase including one year of maintenance and support
- Annual maintenance and support subscription after 1st year

Additional information

For more information see <http://kimnyholm.com/universal-robots/> or contact mail@kimnyholm.com.