ROBOTS BACKUPS ABOUT

Click serial number to select a robot

Connected 2017351234 127.0.0.1

To add a robot, enter its network address

Serial number Host address Remove

The Robot Dashboard must be installed on the robot in order to

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Status

New robot

add the robot here

ADD ROBOT

IP address or DNS name



Robot Data Cente

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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: Controller boxes: Software versions: UR3, UR5, UR10 CB3.1 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

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Image: Constraint of the state of				
Program Installation Hove 10 Log				
TCP Configuration Mounting I/O Setup	Web dashbo		Ċ	KN
Safety Variables	The web dashboard makes it possible to access this robot from any browser comacted to the network of this robot.			
MODBUS	To connect: Point your browser to the host name or the ip address of this robot.			
Features Base Tool Conveyor Tracking	Status Web deshboerd Running			
EtherNet/IP	start	Stop		
PROFINET				
Web dashboard				
Default Program				
Load/Save				





- 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 <u>http://kimnyholm.com/universal-robots/</u> or contact <u>mail@kimnyholm.com</u>.