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### 1. Installation and preparation

Install da Cap as explained in the separately supplied instructions. After the installation the robot must be restarted, only then PDF files can be transferred.

### 2. Transfer PDF files

A file with the name "urmagic\_upload\_PDF.sh" is included in the scope of delivery or in the download of the cap. This file must be copied to the top directory (root), preferably on an empty USB stick. Also all PDF data which should be transferred to the robot are stored there. When this is done, plug the USB stick into the robot and a message will appear

#### **! copy PDF !**

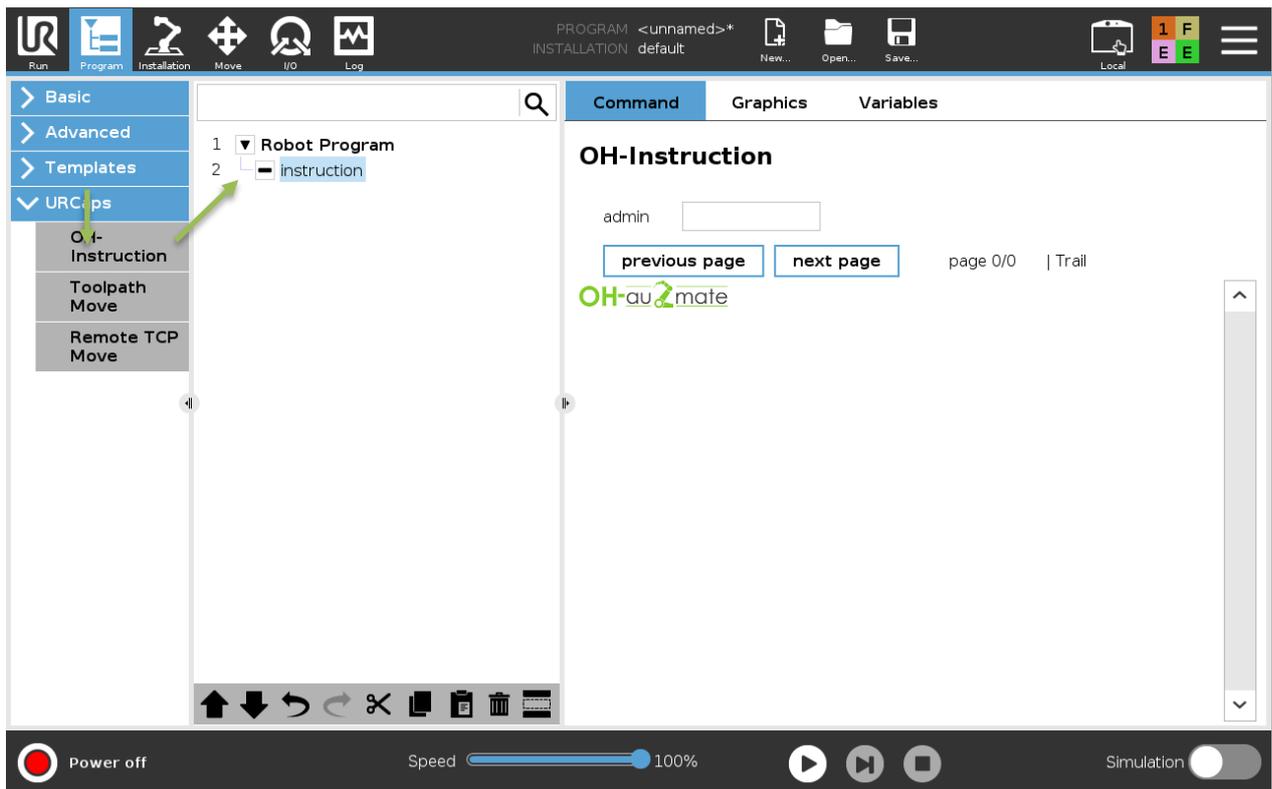
Now the USB stick must remain in the robot until the message

#### **<- copy PDF done!**

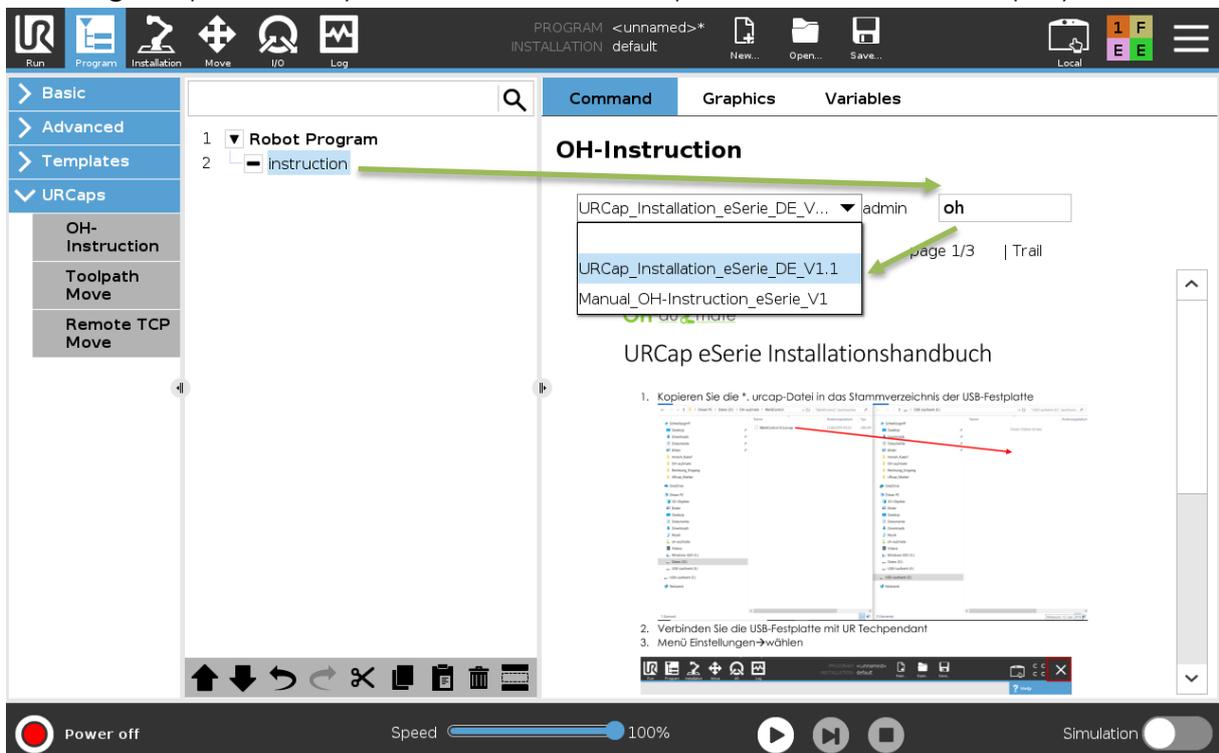
the messages appear only briefly and do not need to be confirmed. Please make sure that the messages appear, if the stick is removed prematurely, an error may occur. The duration of the copying process depends on the size of the data. It is generally recommended to keep the data as small as possible and to create the data best with Word or comparable.

### 3. Create statement

To create an instruction, create a program. Then select in the left menu URCaps - OH-Instruction a new node will be added.



Then select the newly created node. In the command window we can see the currently selected PDF file. If you want to select another PDF file to display, you must enter the admin password. The password is set to "oh" and cannot be changed. After entering the password, you can select all the uploaded PDF files for display.



If the file is selected, there may be a short loading time as the data is generated from the PDF for display on the robot. It is important that if new PDF data is transferred as an

update with the same name. The PDF file in the OH-Instruction CAP must be selected again because only then will the data be regenerated for display.

After selecting the data, the node in the program flow always displays this PDF. Thus, in conjunction with the password, it is possible to display multiple files by adding multiple nodes in the program. The robot operator cannot change what is shown later if he is not given the password. Thus, in each program, only the relevant data selected by the setter will be displayed.

## 4. Controls and license

The controls are located in the upper area. The meaning is chosen very clearly

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- Previous page: The previous page is displayed, if you are on page 1 you will jump to the last page.
- next page: the next page is displayed if you are on the last page, you will jump to the first page
- Page 1/2: Displays the current page and the total page number
- Full version: Displays the current license. Test licenses are only valid for 60 min after robot start, after that PDF data will no longer be displayed.