

# Backup, Restore and Event Log

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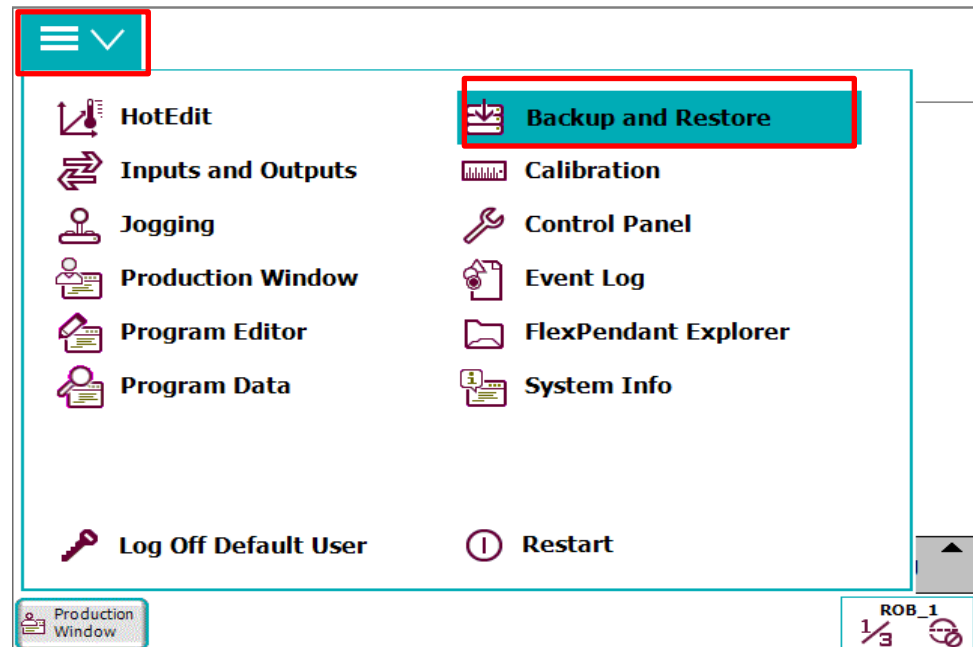
# Backup

Backup of the current system can be created in either in ***Automatic*** or ***Manuel Mode***. And then insert your USB to the ***USB port*** of FlexPendant



USB PORT

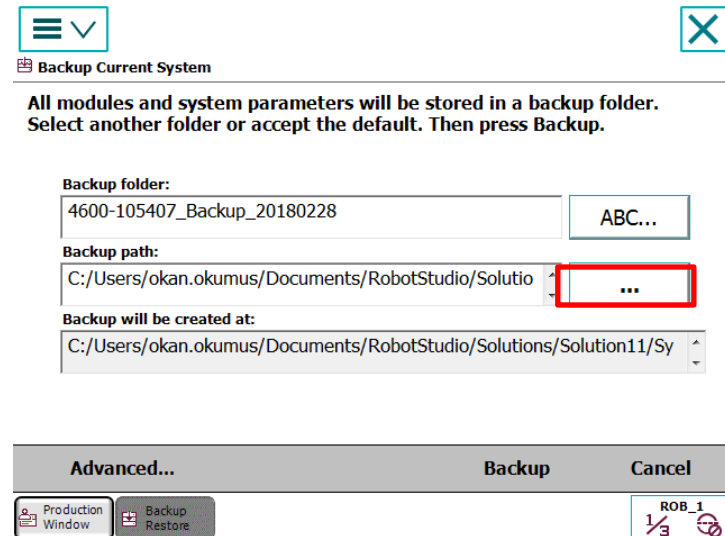
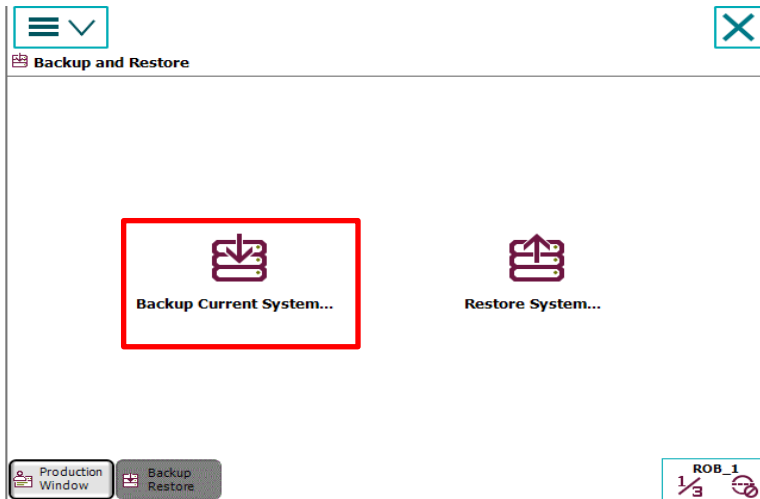
From the window tab, to select ***Backup and Restore*** section.




# Backup

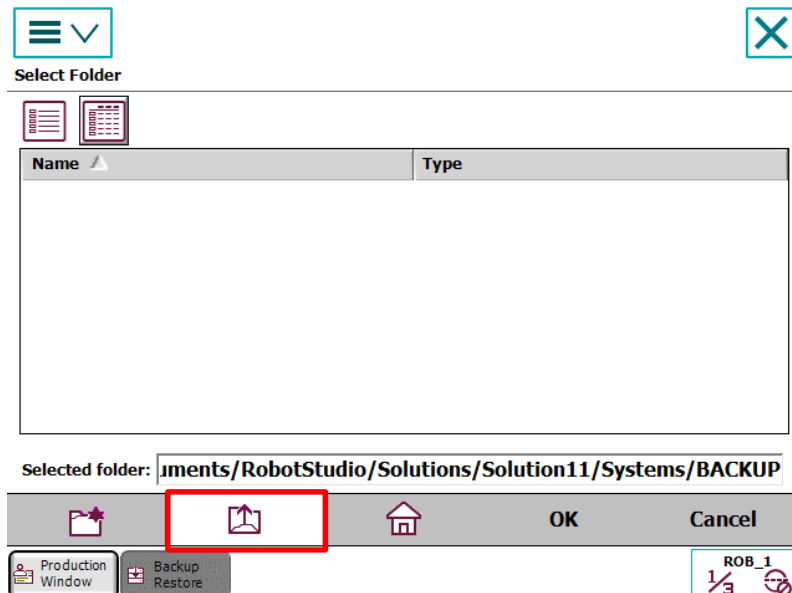
From the opening menu select **Backup Current System...** on left side of the menu.

Select the **Backup path** as your USB.

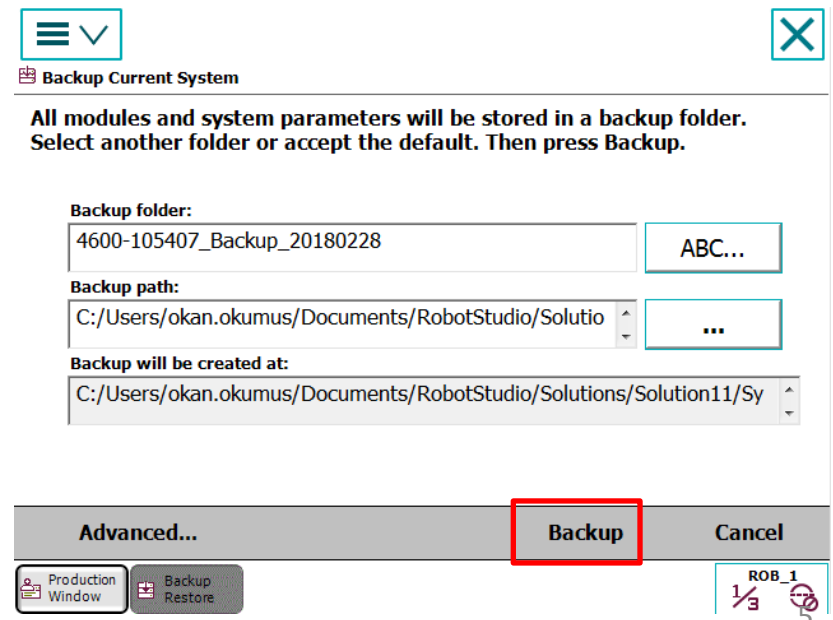


# Backup

Press  to go back until your USB name is seen and then tab **OK** on the screen.



And as a last step to backup press **Backup**. The backup of the current system is created on the USB.



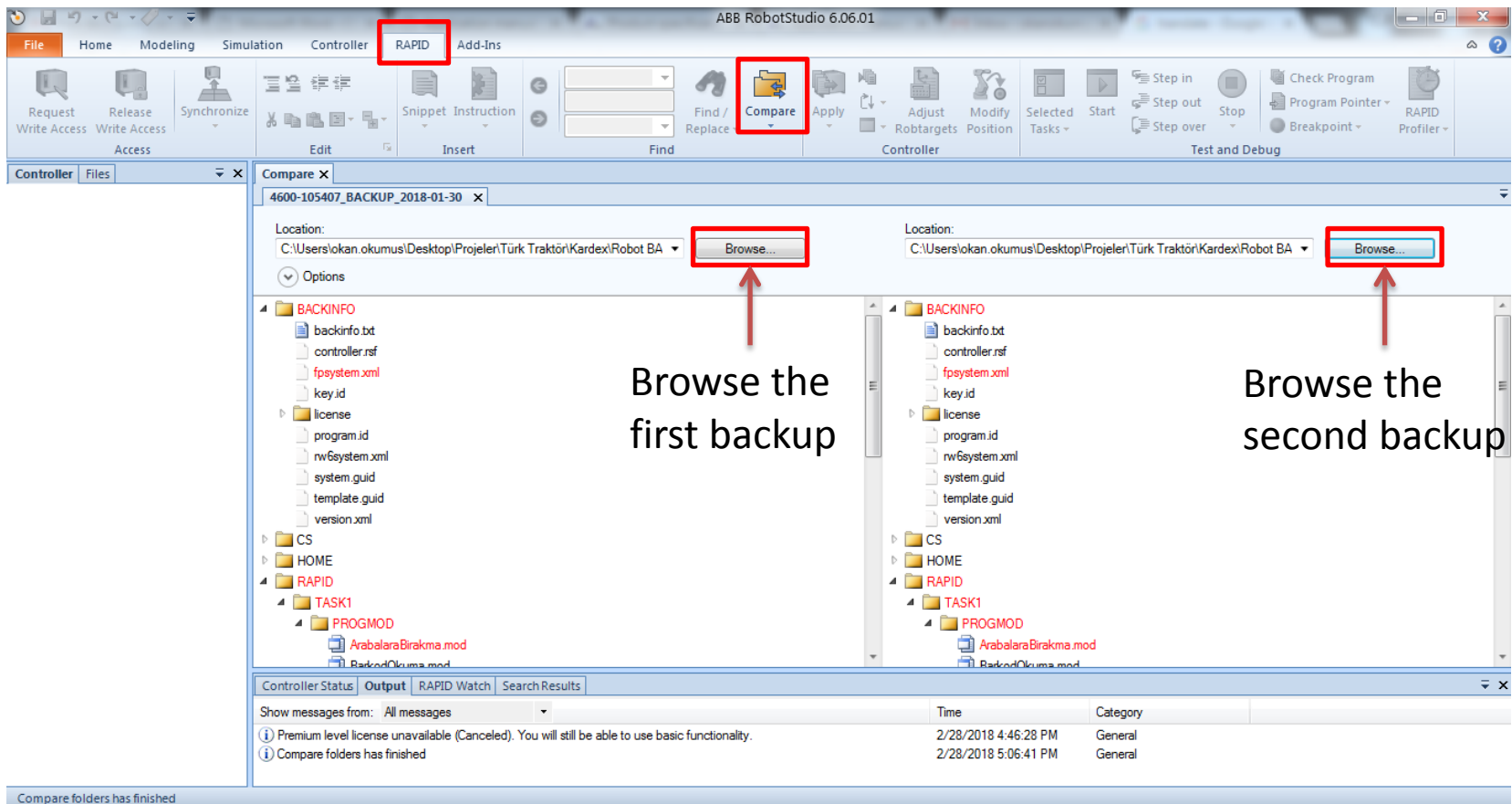
# Backup

## How to compare two backups?

- Using RobotStudio we can compare two backups to see what are the differences and the changes. More details about this comparison will be discussed below.
- **Prerequisite:** You have to install your computer RobotStudio of any latest version.

# Backup

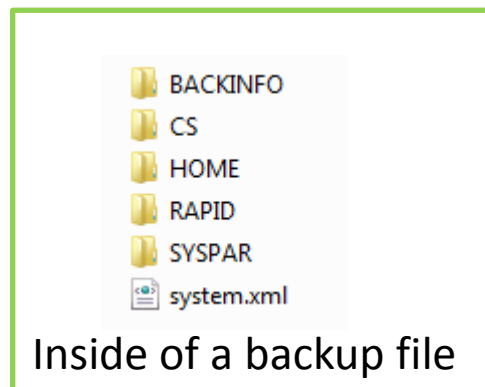
## How to compare two backups?



→ Red highlighted lines that are the differences of the two backups and the changes can be seen from here

# Restore

- Backup of the current system is to take a backup of the robot program which are program and system modules in addition to that system parameters of the robot.
- In besides that, restore from the backup file is basically to load the taken backup to the robot system.

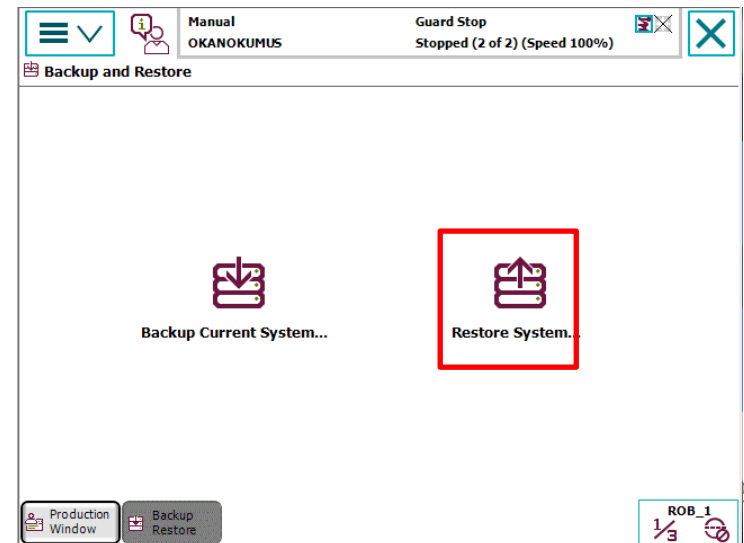




# Restore


For restoring **Manuel Mode** must be selected from the controller of the robot. And then insert your USB to the **USB port** of FlexPendant.

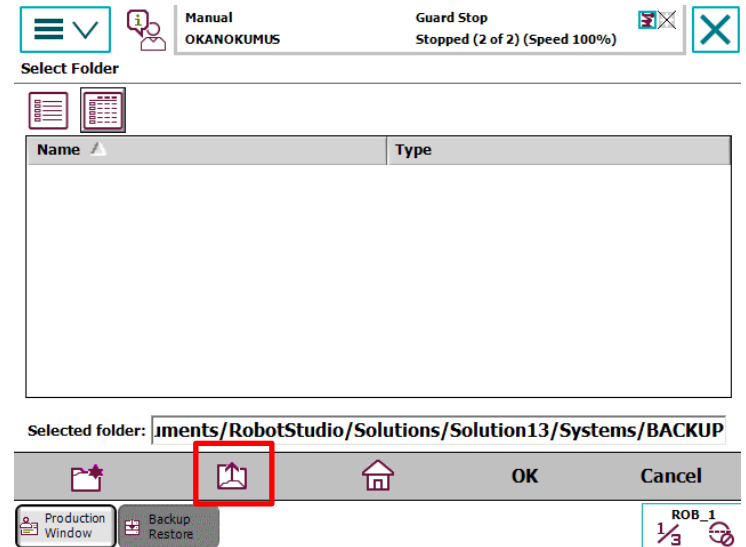
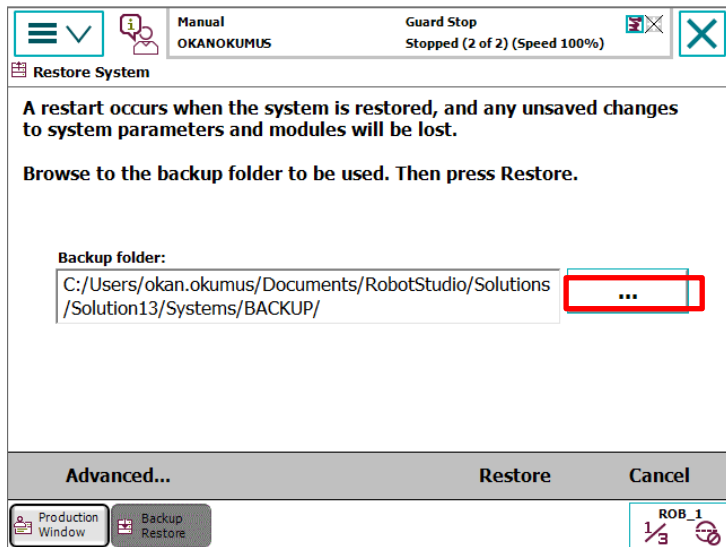
Your USB must have the backup file that you want to load to the robot. Again from the window select **Backup and Restore**. Choose **Restore System...**



# Restore

Select the USB path to load.

Press  to go back until your USB name is seen and then tab **OK** on the screen.



A restart occurs when the system is restarted

# Event Log

- Robot systems are often operated without any personnel present. The logging function is a way to store information about past events for future reference in order to facilitate troubleshooting.
- There are two ways to see the *Event Log* of the system:
  1. From the *status bar* of the Flex Pendant
  2. From the *Event Log menu*

# Event Log


Press ***All Logs As...***

Event Log - Common

Tap a message to open it.

Code	Title	Date & Time
10015	Manual mode selected	2018-02-28 14:00:38
10012	Safety guard stop state	2018-02-28 14:00:38
10011	Motors ON state	2018-02-28 13:55:07
10010	Motors OFF state	2018-02-28 13:55:03
10140	Speed adjusted	2018-02-28 13:55:03
10017	Automatic mode confirmed	2018-02-28 13:55:03
10016	Automatic mode requested	2018-02-28 13:55:03
10129	Program stopped	2018-02-28 13:55:01
10129	Program stopped	2018-02-28 13:55:01

Save All Logs As... Delete Update View

Press  to go back until your USB name is seen and then tab ***OK*** on the screen

Save As - C:/Users/okan.okumus/Documents/RobotStudio/Solutions/Solution12/Syste...

All Files (\*.\*)

Name	Type
R1	Folder
4600-105407.cfg	.cfg file
calpend.log	.log file
Elog_all171216.txt	.txt file
linked_m.sys	.sys file
sis_log_appl170814	File

File name: Elog\_all180228.txt

OK Cancel

**END**