



Flexy Knowhow

Basic IDE: cyclic section display changes [FW 14.5]

SSH-0298-01-EN

Product type: Flexy



1. Preface

From firmware version 14.5 on, the cyclic section is no longer displayed on the Ewon GUI interface.

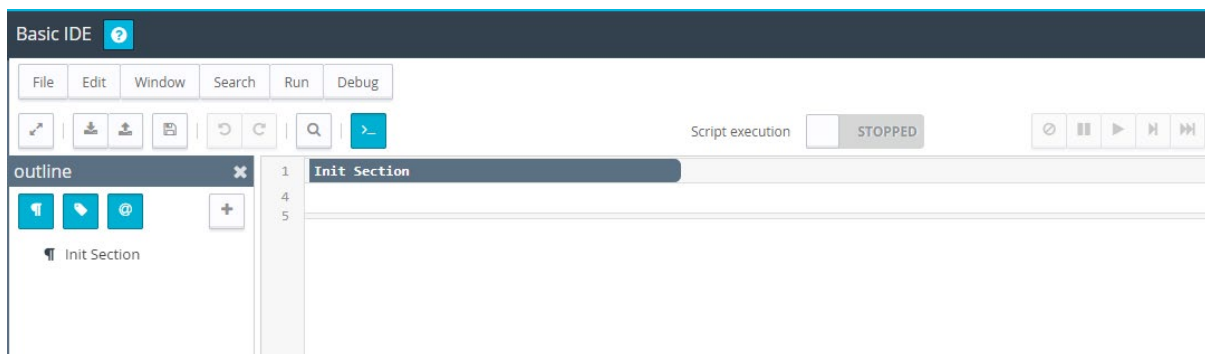
The reason is that many clients used the cyclic section in a wrong way which, depending on the script used, could have a negative impact on the global Ewon behaviour.

For most of the typical basic script use cases, the cyclic section should better not to be used.

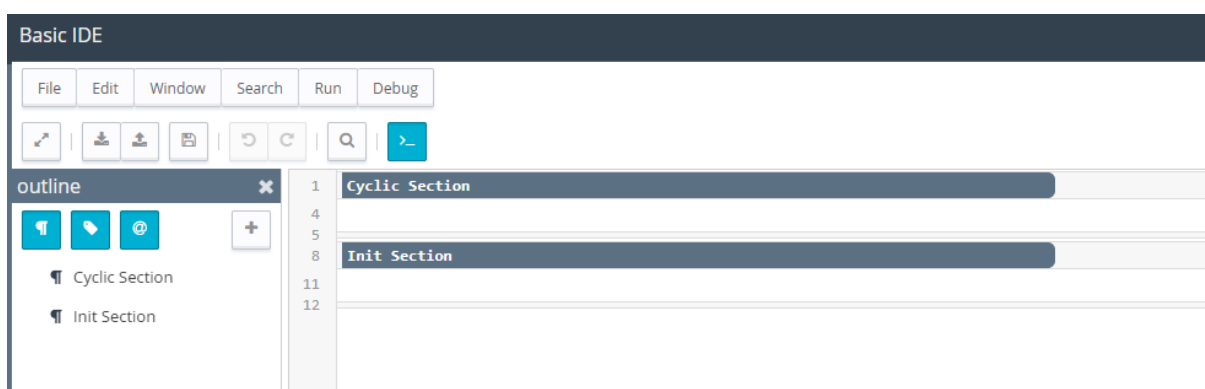
2. Basic IDE display

On a “Factory Settings” Ewon, the BASIC IDE does not show the Cyclic section.

Since firmware 14.5



Before firmware 14.5



3. How to add cyclic section

If for specific reason you need to add the cyclic section, then you'll have to:

- 1) Download the **program.bas** file from the Ewon (using FTP or the Files Transfer menu)
- 2) Add following lines inside the file:

```
Rem --- eWON start section: Cyclic Section
eWON_cyclic_section:
Rem --- eWON user (start)
//There must be at least one instruction (or comment) to keep the cyclic section displayed inside the Basic IDE
Rem --- eWON user (end)
End
Rem --- eWON end section: Cyclic Section
```

- 3) Re-upload the **program.bas** file on the Ewon using FTP.

4. Q&A

What happens during firmware update if my Ewon has already a cyclic section?

The operation is transparent for the user. After the firmware update the cyclic section will be displayed inside the Basic IDE and can be used as before.

Note: There must be at least one instruction (or comment) present inside the cyclic section to keep the cyclic section displayed inside the Basic IDE.

Can I use a **program.bas/backup.tar** file from an older firmware version and upload it on my Ewon?

Yes, this is not a problem.

If the cyclic section is not empty, then the cyclic section script will be displayed inside the BASIC IDE.

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LAST REVISION:	
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