



Program.bas use more space than program size

Why put a program.bas of 80kB in an eWON will left only 26kB of Free Memory (instead of 48kB)?

The fact:

With an eWON with an empty program (init and cyclic defined but empty), the Free Prog. Mem shows 130547 bytes left.

When you put a program.bas of 81300 bytes on this eWON, the Free Prog. Mem shows now 27855

Then, where are the 21392 bytes = $(130547 - 81300 - 27855)$?

Answer

When a program is loaded on eWON, the eWON doesn't store it as-is, eWON process the program to a faster interpretation.

And you need to add an overhead by line and by label.

Each basic line: add 7 bytes

Each label defined: add 8 bytes + label length

Revision

Revision History

Revision Level	Date	Description
1.0	01/06/2010	Creation of document

Document build number: 4

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