Steps to Directly Loading API.s19 and your code .s19 file files onto Dragon12-Plus board

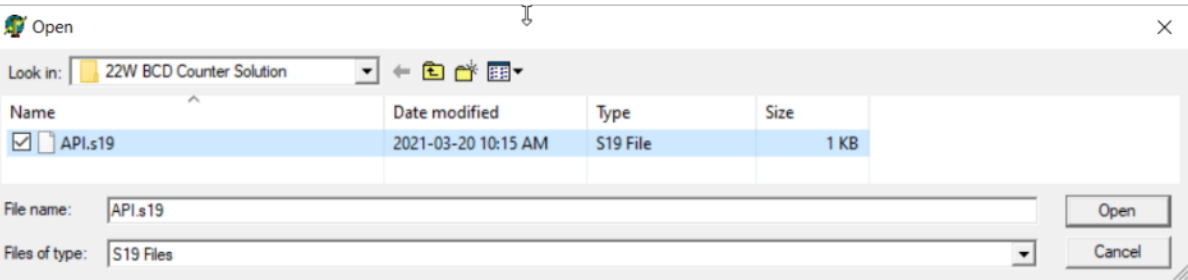1. Open AsmIDE. select **View -> Options -> AutoFunctions**

2. Uncheck the following option and click on OK

☐ Downloading: automatically download the .s19 file for the current .asm file (no prompt)

3. In the Terminal Window, type **load**

4. On the AsmIDE main menu, select Build Download or click on [⚡]

5. Chose the API.s19 from the file folder as per the following example, ensuring the "Files of type:" S19 Files is chosen.

Name	Date modified	Type	Size
☑ API.s19	2021-03-20 10:15 AM	S19 File	1 KB

File name: API.s19

Files of type: S19 Files

6. Click on Open

7. The Terminal window will now show that the .s19 file has been loaded as per the following example, noting that you may have to press **enter** to get the second ">" prompt

```
>load
*
>
>
```

8. You can now load your other code .s19 file into the Dragon12-Plus board by repeating steps 3 to 7

9. Now both codes API and your developed code are ready to be executed on the Dragon12-Plus board by using the following command:

```
>g 2000
```

AsmIDE - C:\temp\New folder\BCD_Counter.asm

File   Edit   Build   View   Help

BCD_Counter.asm | BCD_

```
1 ; BCD_Count
2 ; Author:
3 ; Modified
4 ; Student N
5 ; Course:
6 ; Date:
7 ;
8 ; Purpose
9 ;
10 ;
11 ;
12 ;
13 ; ***** DO
14 ; Library R
15 ;
16
17 Config_Hex_
18 Delay_Ms
19 Hex_Display
20 Extract_Msb
21 Extract_Lsb
22
23 ; Program C
24 STACK
25
```

Messages | Terminal

```
D-Bug12 4.0.0b32
Copyright 1996 —
For Commands typ
```

ility: Investigate

AsmIDE Options

COM Port | Assembler | Wytec hc11 tools | Associations | **AutoFunctions** | Terminal Func Keys

68hc12 Auto Functions - ONLY for use with the d-bug12 monitor!

You must have the special AUTO control comments in your source code file to actually make use of these automatic features. The special comments tell AsmIDE the important address information needed to perform these functions.

Sample AUTO command in source code (it's a comment line beginning with a semicolon):

;AsmIDE AutoLoad="load" AutoGo="g 2000" AutoDump="md 2000 2020"

See AutoCommands in the HELP file for more info.

If you uncheck any of these boxes, then the corresponding AUTO control comments in your source file will be ignored.

☑ Enable Auto-Load

☑ Enable Auto-GO (auto-execute)

☑ Enable Auto-Dump of memory

These apply to all processor types:

☑ Startup: automatically reopen the last .asm file when starting

☑ Assembling: automatically save the .asm file before Assemble

☑ Assembling: automatically assemble the current .asm file (no filename prompt)

☑ Downloading: automatically Assemble current file before Download (no prompt)

☐ Downloading: automatically download the .s19 file for the current .asm file (no prompt)

☑ Enable the Hyperbaud button to step up the speed of d-bug12

[OK]   [Cancel]