ADVANTECH Enabling an Intelligent Planet

Advantech AE Technical Share Document

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|----------|---|------------|--------------|
| Category | □FAQ ■SOP | Related OS | N/A |
| Abstract | ADAM-55XXKW How to upload the source code | | |
| Keyword | MULTIPROG, Source code upload, | | |
| Related | ADANA FETOKINI ADANA FEGOKINI ADAN FEDOKINI ADAN FEDOKINI | | |
| Product | ADAIVI-5510KVV, ADAIVI-5500KVV, APAX-5520KW, APAX-5620KW | | |

Problem Description:

How can we upload the source code of PAC like ADAM-5510KW, ADAM-5560KW back to the PC with MULTIPROG?

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■ <u>Procedure</u>:

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1. Create a new project and select the corresponding PAC that you use. We'll use ADAM-5560KW as the example in this document.(*Figure 1*)

| New Project | |
|---------------------|--------|
| General | ОК |
| Template | Cancel |
| Project Wizard | |
| P ADAM-5550KW | |
| ADAM-5560KW | |
| | |
| • APAX-5570KW | |
| | |
| Template for IPC_30 | |
| Template for IPC_32 | |
| Template for IPC_40 | - |
| | |
| Figure 1 | |

2. Right click on Resource folder and click "Settings" (*Figure 2*)

| main∀* main* Physical Hardware* → ■ Configuration : IPC_ □ ■ Resource ADV | 40* ADAM40* | |
|---|--|---------------------------------------|
| ⊡∰ Tasks ⊡∯ Tasl | Insert Delete | ► Delete |
| Global_ 👆 | <u>C</u> ut | Ctrl+X |
| 🔤 🖬 Advante | С <u>о</u> ру | Ctrl+C |
| r _e | <u>P</u> aste | Ctrl+V |
| | <u>E</u> xpand All | |
| | Save As <u>N</u> etwork Temp Define Place <u>h</u> olders | olate |
| | E <u>x</u> clude | |
| le Value | Create <u>G</u> lobal Variable Update External <u>V</u> ariab | s from Externals bles from Globals |
| | P <u>r</u> operties <u>S</u> ettings | |

Figure 2

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3. Select DLL as your port and enter the IP of your PAC. (*Figure 3*)

For more infornation regarding how to find out the IP address of your PAC, please refer to the SOP of the follwing link:

http://forum.adamcommunity.com/viewthread.php?tid=95020&extra=page%3D2

| Port: | Baud: | 19200 👻 | Ok |
|--|-----------------------------------|--------------------------|-----------|
| COM1 | Stopbits: | 1 - | Cancel |
| © СОМ2 © СОМ3 | Databits: | 8 - | Data area |
| COM4 | Parity: | None - | Data area |
| Simulation 1 Simulation 2 | Timeout: | 2000 ms | Help |
| | 📃 Stack check | on PLC | |
| | 🛛 🖈 bounda | ary check on PLC | |
| OLL | Force BOOL8 for boolean variables | | |
| | 📃 Generate boo | otproject during compile | |
| ILL: TCP/ | IP | | |
| Parameter: ·ip 19 | 2.168.0.168 -TO2000 |) | |
| PDD | | OPC | |
| All global variables | | 📝 All global variable | es |
| Marked variables | | Marked variables | |
| Use reserve | | | |
| | 🔘 Marked | IPOUs 🔘 N | o reserve |
| | | | |
| | | 2 | |

Figure 3

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4. Open project control dialog with the icon on top of MULTIPROG. (*Figure 4*)





5. Click "Upload" button (*Figure 5*)

| Resource | — — X |
|----------|--------------|
| State: (| Dn |
| Stop | Cold |
| Reset | Warm |
| | Hot |
| Download | J Upload |
| Error | Inío |
| Close | Help |

Figure 5

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6. After the upload process, you should be able to see all of the tasks and the POUs in your project list tree. (*Figure 6*)

