DDInstal.ini file Details

- **There are two flavors of this.**
  - Device file in Folders
    - Used only by AMS Device Manager (version 1.0 to current).
    - Supports 1 to many devices in one install kit.
  - Flat format (All files in the same folder)
    - Supported by DeltaV
    - Supported by version 9.x and above
    - Only one device in each install kit.
    - The preferred / universal format for version 9.x and up.

DDInstal.ini file Details

- **Layout of HART DDINSTAL.INI**
- **[Version]**
- **DD Version=2**   **// Does nothing in version 10.0 and above, just set it to 2**
- **FileVersion=2**   **// 1 = Hart only DDinstal.ini folder \ Manufacture ID Folder \ Device Type**
-                               **Folder**
-                           **// 2 = looks for protocol DDinstal.ini folder \ Manufacture ID Folder **
-                               **Device Type Folder (Use this option)**
- **[General]**
- **NumOfMfg=1**   **// Number of manufacturers in this ini file**
- **UseDeviceFileSubDirs=Yes**   **// If Yes, then use the folder structurer**
-                                    **// \<Protocol>\<Mfg_ID>\<Device_Type>\ (AMS 6.5 and higher)**
-                                    **// If No, then use the current folder to find //all the device files.**
-                                    **// missing is the same as YES**
- **[Mfg1]**   **// First Manufacture.**
- **Protocol=HART**   **// Protocol for this Manufacturer's Device List**
- **Name=ABB**   **// Manufacturer name**
- **ID=00001a**   **// Six digit Manufacturer ID in hexadecimal**
- **NumOfDev=1**   **// Number of devices for this Manufacturer's Device List**

DDInstal.ini file Details

- **[00001a.1]**   **// Device Manufacture 1 (00001a)**
-   **device 1 (.1)**
- **DevType=000c**   **// Four digit Device Type ID in**
-   **hexadecimal**
- **DevTypeDesc=65x**   **// Device Type description (Only used**
-   **for display during add device type)**
- **DevTypeRevDesc=Rev 1**   **// Device revision description (Only used**
-   **for display during add device type)**
- **DevTypeRev=01**   **// Device revision in hexadecimal form**
- **DDRevDesc=DD Rev 1**   **// DD revision description (Only used for**
-   **display during add device type)**
- **FMS=0101.FM<?>**   **// Device fms, .fm6 or .fm8 file**
- **SYM=0101.sy<?>**   **//Device sym file or sy<#> file**
- **MAP=0101.map**   **//Device map file, used for Calibration**

DDInstal.ini file Details

- ALM=00001a_000c_01.ALM   //Device alarm file (Used only by DeltaV 9.0 and higher, will be generated by add device type if missing)
- FHX=00001a_000c_01.FHX   //Device fhx file (Used only by DeltaV 9.0 and higher, will be generated by add device type if missing)
- DeviceHelp= ABC.PDF   //PDF device manual file that is accessed by the Help | Device on the right click context menu
- BlockHelp=xxxx.chm   //context sensitive help file, .hlp, or .chm
- OtherHelp=xxxx.hlp, yyyy.hlp   //Comma delimited list of files to copy for additional help
- DeviceDll=abb_65x.DLL   //Device Dll file
- OtherDll=one.exe, temp.doc   //Comma delimited list of additional files to copy, used for the device ini file.
- Template=abb_65x.MRG   //Device mrg file
- HART Protocol Rev=5   //Device HART Protocol revision
- AmsVersionSupport=9.0, 10.0, 10.1 //Comma delimited list of supported AMS versions
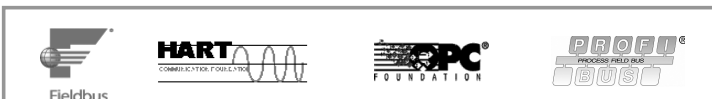
DDInstal.ini file Details

- Layout of a FF The way that FF Device Types are represented is shown below.
- The number of BlockDll### entries will vary depending on the number of blocks within the device. This file may or may not have values for the DeviceDll and BlockDll### entries depending if the Device Type has a .REG file or not.
- [Version]
- [Version]
- DD Version=2   // Does nothing in AMS 10.0, just set it to 2
- FileVersion=2   // 1 = Hart only DDinstal.ini folder \ Manufacture ID Folder \ Device Type Folder
-                                  // 2 = looks for protocol DDinstal.ini folder \ Manufacture ID Folder \ Device Type Folder
-                                  // Must use option 2 for FF devices

- [General]
- NumOfMfg=1   // Number of manufacturers in this ini file
- UseDeviceFileSubDirs=Yes   // If Yes, then use the folder structurer
-                                  // \<Protocol>\<Mfg_ID>\<Device_Type>\ (AMS 6.5 and higher)
-                                  // <Mfg_ID>\<Device_Type>\ (AMS 1.0 to 6.2)
-                                  // If No, then use the current folder to find //all the device files.
-                                  // missing is the same as YES
- [Mfg1]
- Protocol=FF   //Protocol for this Manufacturer's Device List
- Name=Rosemount Analytical   //Manufacturer name
- ID=524149   //Six digit Manufacturer ID in hexadecimal form
- NumOfDev=1   //Number of devices for this Manufacturer's Device List
- [524149.1]   // Manufacture ID. Device 1
- DevType=4084   //Four digit Device Type ID in hexadecimal form
- DevTypeDesc=4084C   //Device Type description (Only used for display during add device type)
- DevTypeRevDesc=Rev 1 //Device revision description (Only used for display during add device type)

DDInstal.ini file Details

- **DevTypeRev=01   //Device revision in hexadecimal form**
- **DDRevDesc=DD Rev 1   //DD revision description (Only used for display during add device type)**
- **FFO=0101.ffo   //Device ffo or ff5 file**
- **SYM=0101.SYM   //Device sym or sy5 file**
- **Template=524149_4048_01.MRG   //Device mrg file**
- **MAP=0101.map   //Device map file**
- **DeviceHelp=abcd.PDF   //PDF device manual file that is accessed by the Help | Device on the right click context menu**
- **BlockHelp=xxxx.chm   //context sensitive help file, .hlp, or .chm**
- **OtherHelp=xxxx.hlp, yyyy.hlp   //Comma delimited list of files to copy for additional help**
- **DeviceDll=5081C_Rev1.DLL   //Device Dll file – Contains the icon for the device if resource file based**
- **BlockDll200=5081R_Rev1.DLL   //Resource Block Dll**
- **BlockDll300=5081_Rev1.DLL   //Transducer Block Dll**
- **BlockDll400=5081T_Rev1.DLL   //Transducer Block Dll**
- **BlockDll500=5081T2_Rev1.DLL //Transducer Block Dll**
- **OtherDll=one.exe, temp.doc   //Comma delimited list of additional files to copy**
- **AmsVersionSupport=7.0   //Comma delimited list of supported AMS versions**

DDInstal.ini file Details

- **[Version]**
- **DD Version=2**
- **FileVersion=2**
-
- **[General]**
- **NumOfMfg=1**
- **UseDeviceFileSubDirs=No**
-
- **[Mfg1]**
- **Protocol=PROFIBUS-DP**
- **Name=Control Techniques**
- **ID=00008a**
- **NumOfDev=1**

DDInstal.ini file Details

- **[00008a.1]**
- **DevType=0002**
- **DevTypeDesc=Commander SK**
- **DevTypeRevDesc=Rev 1**
- **DevTypeRev=01**
- **DDRevDesc=DD Rev 1**
- **PBO=8A_2_1_1.pbo**
- **GSD=ctsk0672.gsd**
- **MAP=0002.map**
- **ALERT=00008A_0002_01.alert**
- **DeviceHelp=**
- **BlockHelp=**
- **OtherHelp=**
- **OtherDll=8A_2_1_1.ini, ADBC.BMP**
- **Template=8A_2_1_1.mrg**
- **AmsVersionSupport=11.0**