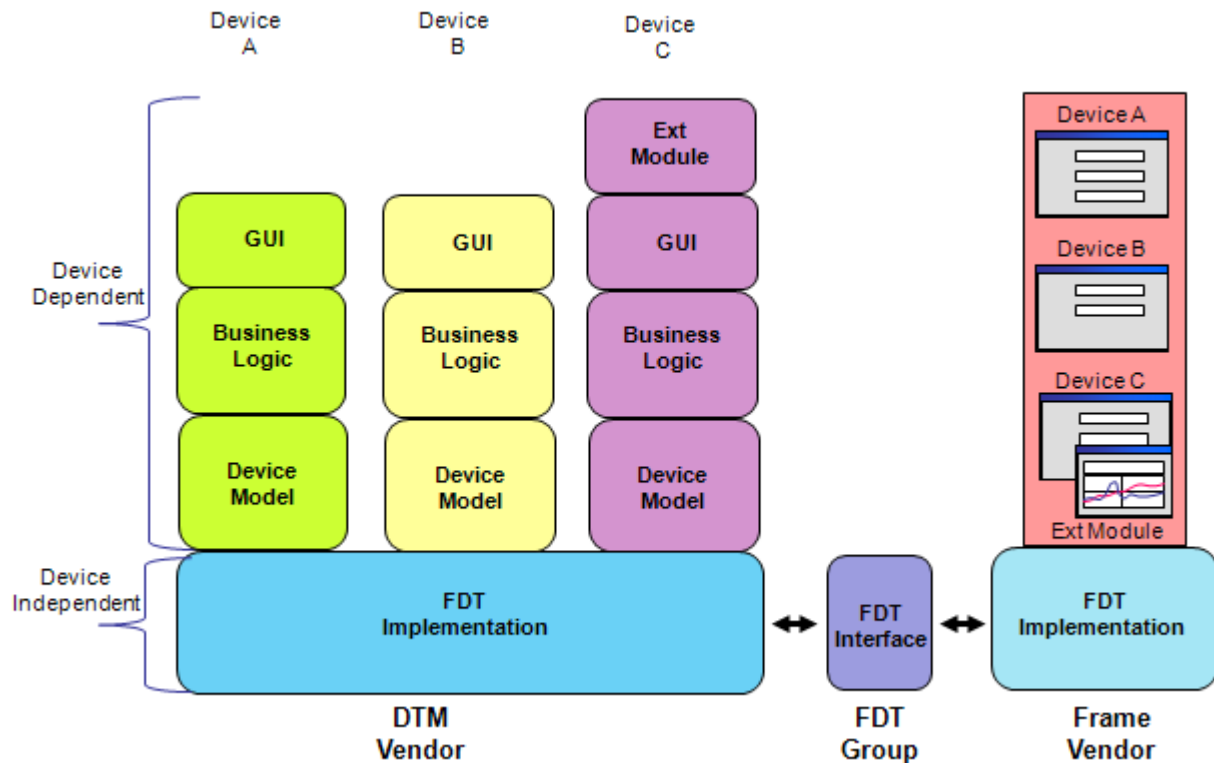


FDT Certification

FDT Certification ensures the compliance of vendor FDT products against the FDT specification. The FDT Products are in two categories namely the DTM (Device Type Manager) and Frame Application and hence let us examine the details and concept of those certifications from the FDT Group.



DTM Certification

In order to understand the DTM certification, we have to understand the parts of the DTM and its relationship to the installation package. Conceptually, the DTM software is composed of device dependent and device independent parts as shown in the figure above. Since "FDT implementation" is a device independent part the vendors can decide to package the DTM as individual DTMs supporting a particular device type or the group of DTM's for all of their supported device types as a library. From the figure above, this means that the vendor can package the device type of the supported DTM individual installation package or all in one installation package as DTM_LIBRARY setup that supports all the device types.

The FDT Group checks the "FDT Implementation" of a DTM/ library for its conformity against the FDT specification. The conformity is tested by a tool called dtmINSPECTOR. It is able to detect whether the "FDT implementation" of the vendor is able to support more than one device type. If more than one device type is supported by the "FDT Implementation" then any one of the supported device type is

used for the certification testing. The “FDT Implementation” is also tested for data communication with the device however the validity of the data is not in the scope of FDT testing

The FDT certificate will provide the details of the tested device type and supported device types and confirms the behavior of the “FDT implementation” of the DTM / library with respect to the FDT specification. The vendor also confirms to the certification office that the device independent “FDT Implementation” remains the same for all the supported device types packaged on the library.

Frame Certification

The FDT Group checks the “FDT Implementation” of a Frame Application for its conformity against the FDT specification by a tool called frameINSPECTOR. The frameINSPECTOR is currently available in beta version. The final certification version is expected to be released by June 2009.