FDT® UE™ – DTM™ Common Component

FDT UE COMPLIANT

Supports the development of FDT UE-enabled host and device products while assuring compliance with the FDT3 standard, so vendors can focus on value-add capabilities.

QUICK TIME TO MARKET

Provides vendors with platform-independent toolkits to jump start development, minimize engineering effort, simplify certification/registration shortening time to market for new product offerings.

INTEROPERABILITY

Enables open and seamless data exchange independent of vendor, system, device type, data model, IT/OT (network/protocol) enterprise wide.

OPC UA AND MOBILITY

Empowers OPC UA- and mobile-ready solutions without coding, allowing IT and OT teams authenticated client access for diagnostic monitoring optimization.

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DESCRIPTION

The developer toolkit is required for development of a smart device and communication DTM™ assuring compliance with the FDT® 3.0 standard. The tool implements FDT3 interfaces and provides interfaces for custom DTM code. The component guarantees all DTMs will behave the same, reducing interoperability risks.

DEVELOPMENT ENVIRONMENT FOR

- Device Specific DTM
- Universal DTM
- Interpreter DTM
- Communication DTM
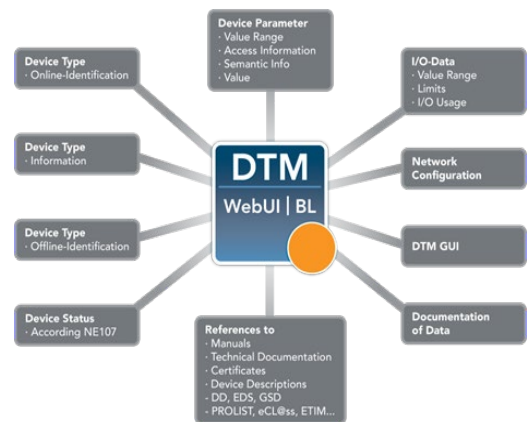- Gateway DTM

SYSTEM REQUIREMENTS

- System/PC resources
  - 1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor with at least 2 cores
  - 1 gigabyte (GB) RAM (32-bit) or 2 GB RAM (64-bit)
  - Screen Resolution at least 1024x768 pixels
- Operating systems - tested and released to support:
  - Windows 10 21H1
- Requirements
  - 5 MB hard drive space

HOST APPLICATION COMPATIABLE

- FDT UE™ Server - Distributed
- FDT UE™ Desktop - Point-to-Point

SUPPORT (For Members)

- Email support request available

DELIVERABLES

- NuGet in release and debug mode
- Developer documentation
- Source code (paid license only)

COMPLEMENTARY DEVERLOPER TOOL

- dtmINSPECTOR® 5 includes test cases to determine compliance with the FDT3.x specification, FDT UE - DTM Common Component and Style Guide to maximize interoperability.

DTM HOSTING

- FDT Website
- FDThub™ – when available