

IEC60870-5 Source Code Library



IEC 60870-5

IEC 60870-5 International Electrotechnical Commission (IEC) Technical Committee 57

Companion Standard (Profile) Outline 5

MicroWorks Triangle Profile(101, 102, 103, 104) Source Code Library 101 Profile

IEEE Power Engineering Society Substation Committee가 RTU-IED Practice

IEC 60870-5 Source Code Library

- Coding Standards ANSI Standard C
- Source Code
- Target "Triangle" Source Code Library
- Event-Driven or Non-Event-Driven ()
- Byte Order : Most-Significant-First(Motorola), Least-Signification-First(Intel)
- 1 2 Octect Address Field Balanced Unbalanced
- Bitmapped Time/Data Object Clock Synchronization Command
- Analyzer (가) Protocol String RAM Buffer
- Bad Checksum, Synchronization Byte, Frame 가

IEC 60870-5 Master Source Code Library

- Communication Port Remote Device 가 , Runtime Device
- Field (ASDU Address, Information Address) Address
- ASCII SACDA Man Machine Interface(MMI) Commands
- Database Manager IEC 60870-5 Data Object Target Application Data Points(Binary, Controls, Integers, Floats) Map

IEC 60870-5 Slave Source Code Library

- 가 Configuration Run-Time Function Call 가
- Multiple Application Layer ASDU Address(Sector) 가 Profile
- Database Manager Target Application Data Points (Binaries, Controls, Integers, Flots) IEC60870-5-101 ASDU Type Information Object Map
- Database Interface 가 Database Interface Template
- CP24Time2a(24-bit Time Tag), Clock Synchronization Commands , Rollover Clock Synchronization ASDU
- CP56Time2a(56-bit Time Tag) ASDU "Addendum to IEC 60870-5-101 Concerning the Extension of Time Tags"가 30-40 ASDU
- ASDU Class 1 Class 2
- Target Application Data 가

