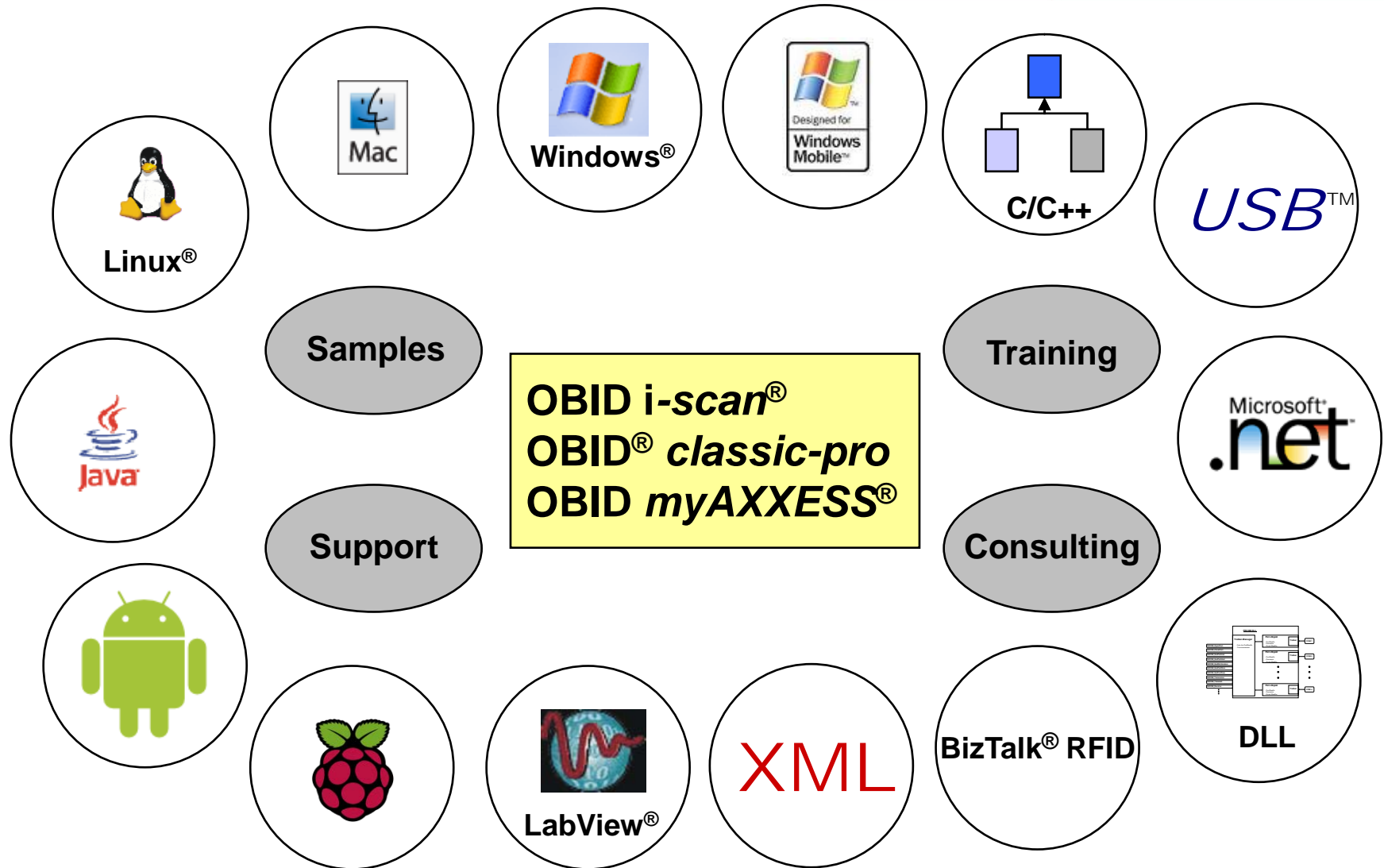


Connecting Software to OBID®





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Software Drivers

Standard Driver for OBID i-scan® HF and UHF

- WHQL certified Windows USB Kernel-Driver (shipped with Reader)
- Device Provider for Microsoft BizTalk RFID 2006 R2

Standard Driver for OBID® *classic-pro* and OBID myAXXESS®

- WHQL certified Windows PC/SC Kernel-Driver (shipped with Reader)

Special Driver for OBID i-scan® HF and UHF

- Device Agent for IBM WebSphere Premises Server

Software Development Kits (SDK)

Standard SDKs for OBID i-scan® HF and UHF and OBID® *classic-pro*

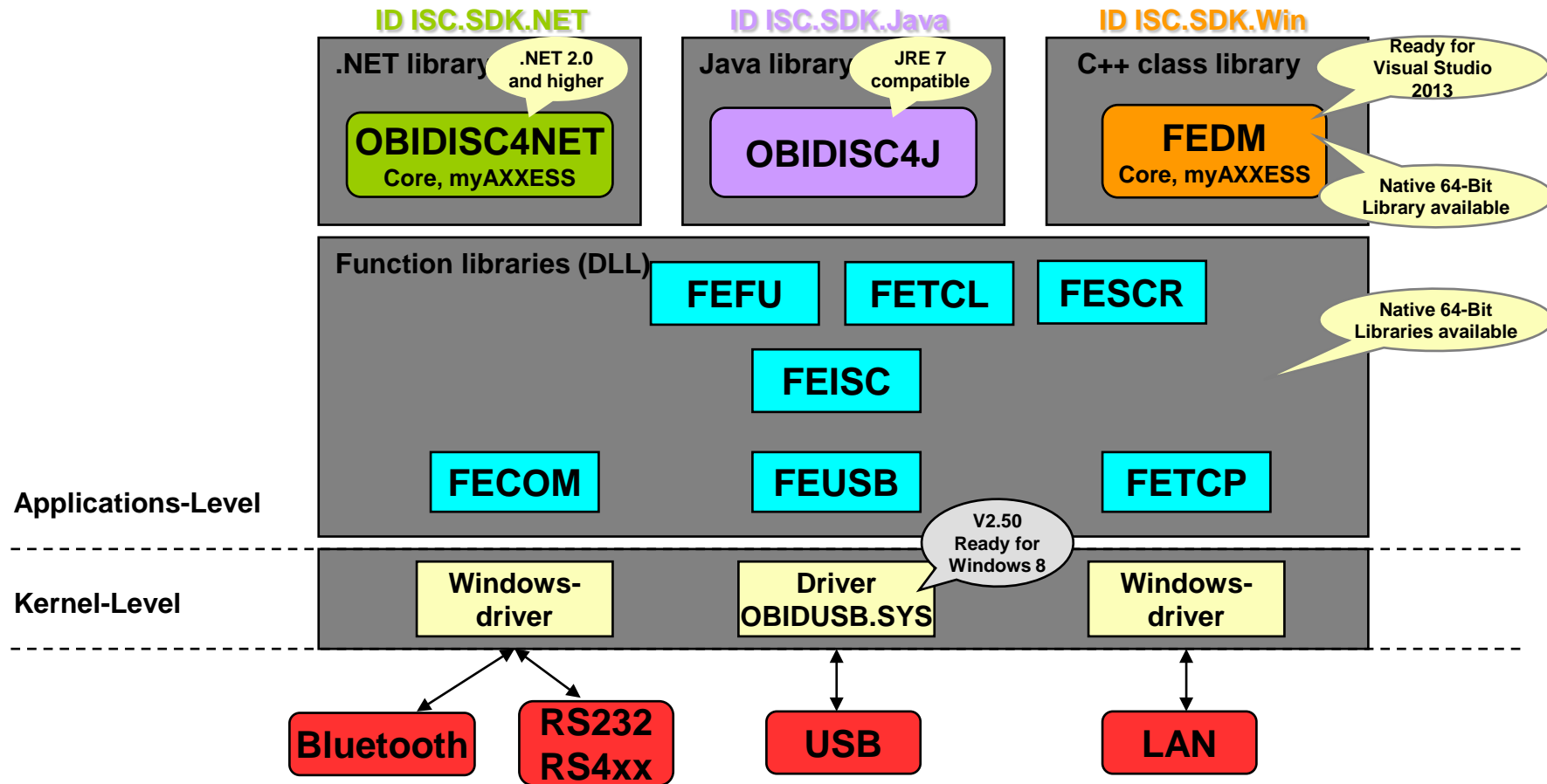
- ID ISC.SDK.Win (DLLs, C++ Class Library, Samples)
- ID ISC.SDK.Linux (SOs, C++ Class Library, Samples)
- ID ISC.SDK.Linux_embedded (SOs, C++ Class Library)
- ID ISC.SDK.Android (SOs, C++ and Java Class Libraries)
- ID ISC.SDK.MacOSX (DYLIBs, C++ Class Library)
- ID ISC.SDK.NET (DLLs, .NET Class Library, Samples)
- ID ISC.SDK.Java (DLLs/SOs, Java Class Library, Samples)
- ID ISC.SDK.WinCE (DLLs , C++ and . NET Class Libraries)
- ID ISC.SDK.DRV.WinCE.USB (USB-Driver)

SDKs for embedded Linux in Long-Range Reader ID ISC.LR2500-A and LRU3x00

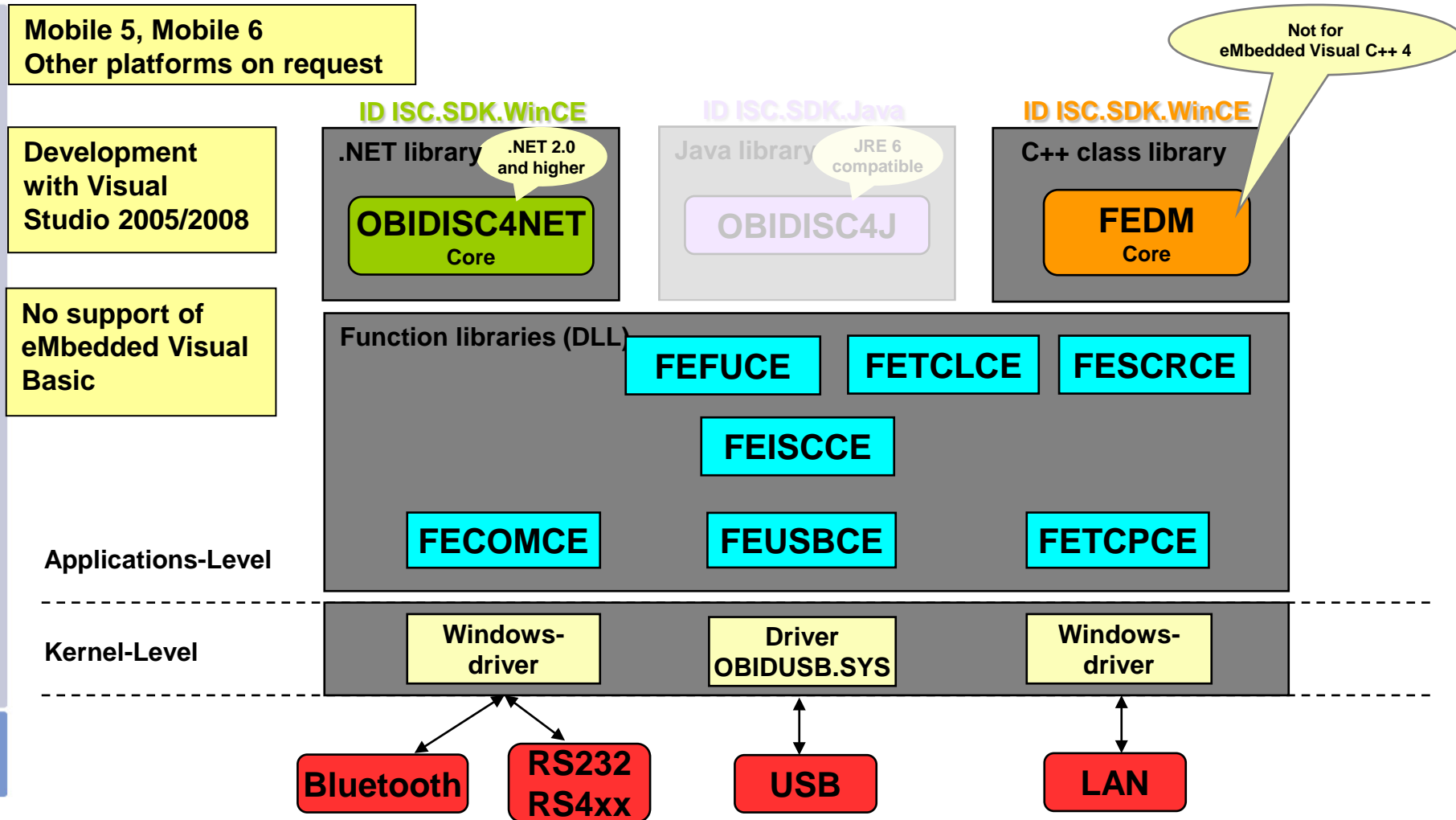
- ID ISC.SDK.ACC-LR-FMB08 (SOs, C++ Class Library, Samples)

Software Support for Windows XP/Vista/7/8

(x86- and x64-Bit)

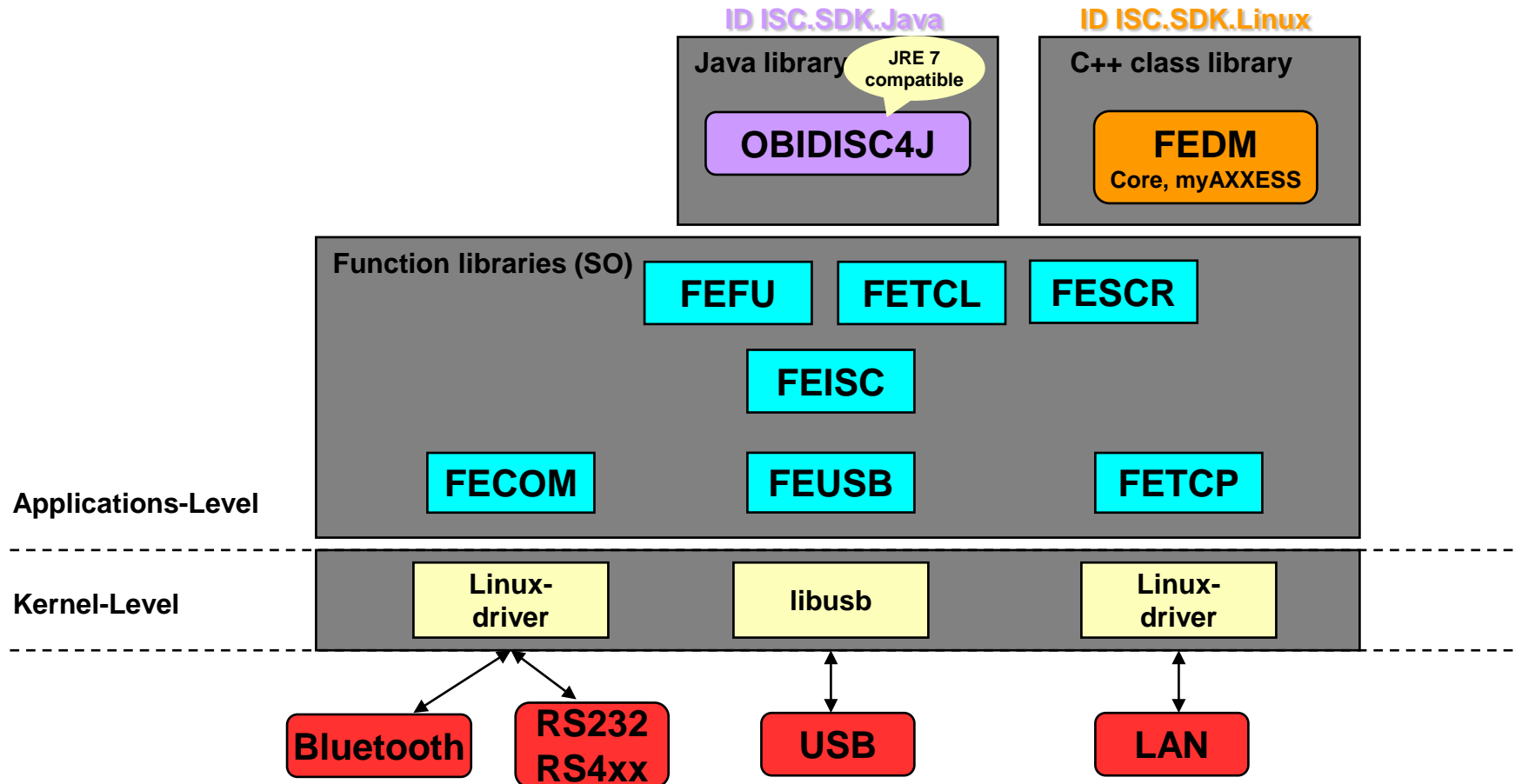


Software Support for Windows CE



Software Support for Linux

(x86- and x64-Bit Runtime Libs)



Software Support for embedded Linux

(different ARM Runtime Libs)

Other runtime
platforms on
request

ID ISC.SDK.Java

ID ISC.SDK.Linux_embedded

Java library

JRE 7
compatible

OBIDISC4J

C++ class library

FEDM
Core, myAXXESS

Function libraries (SO)

FEFU

FETCL

FESCR

FEISC

FECOM

FEUSB

FETCP

Applications-Level

Kernel-Level

Linux-
driver

libusb

Linux-
driver

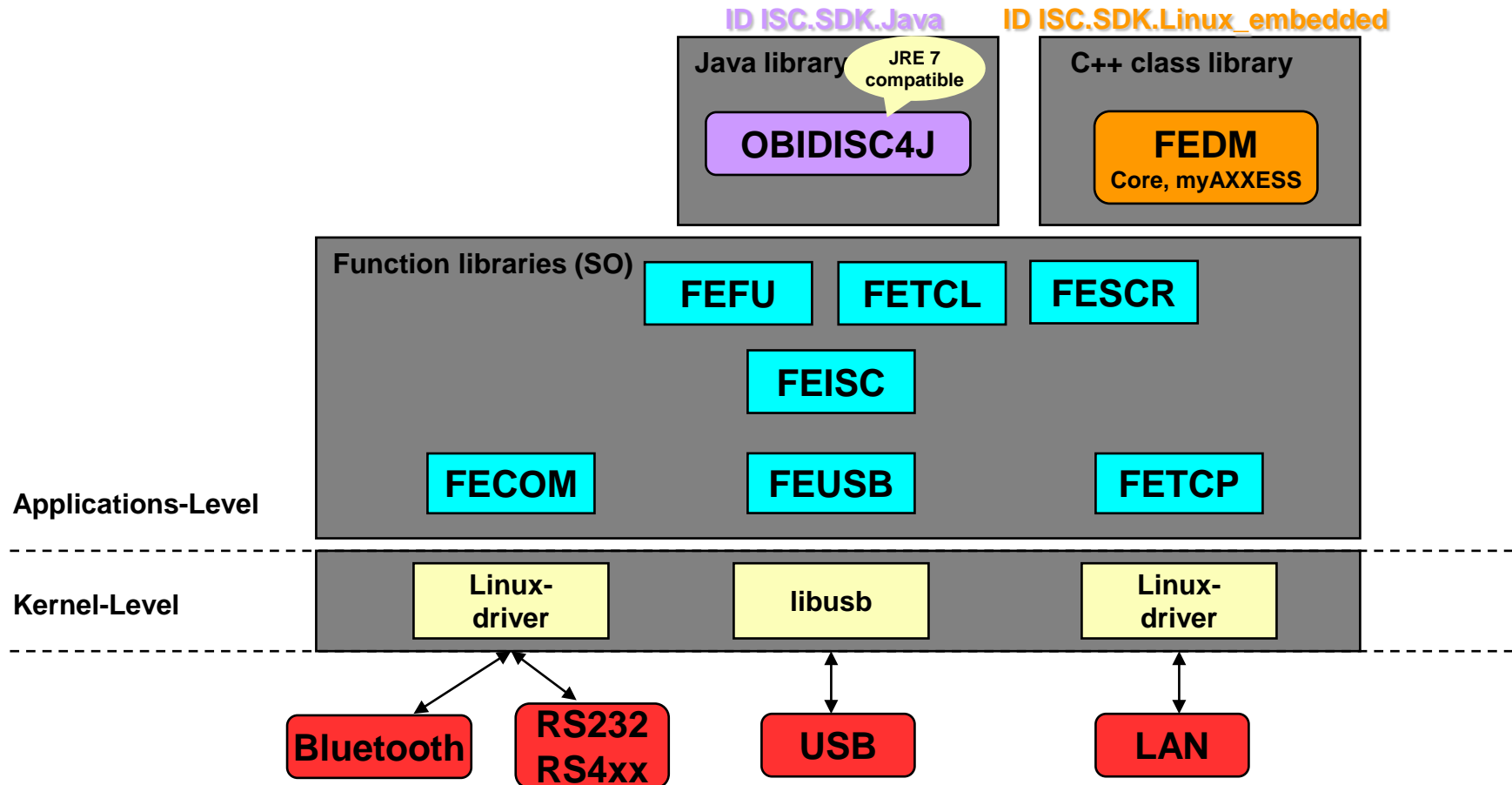
Bluetooth

RS232
RS4xx

USB

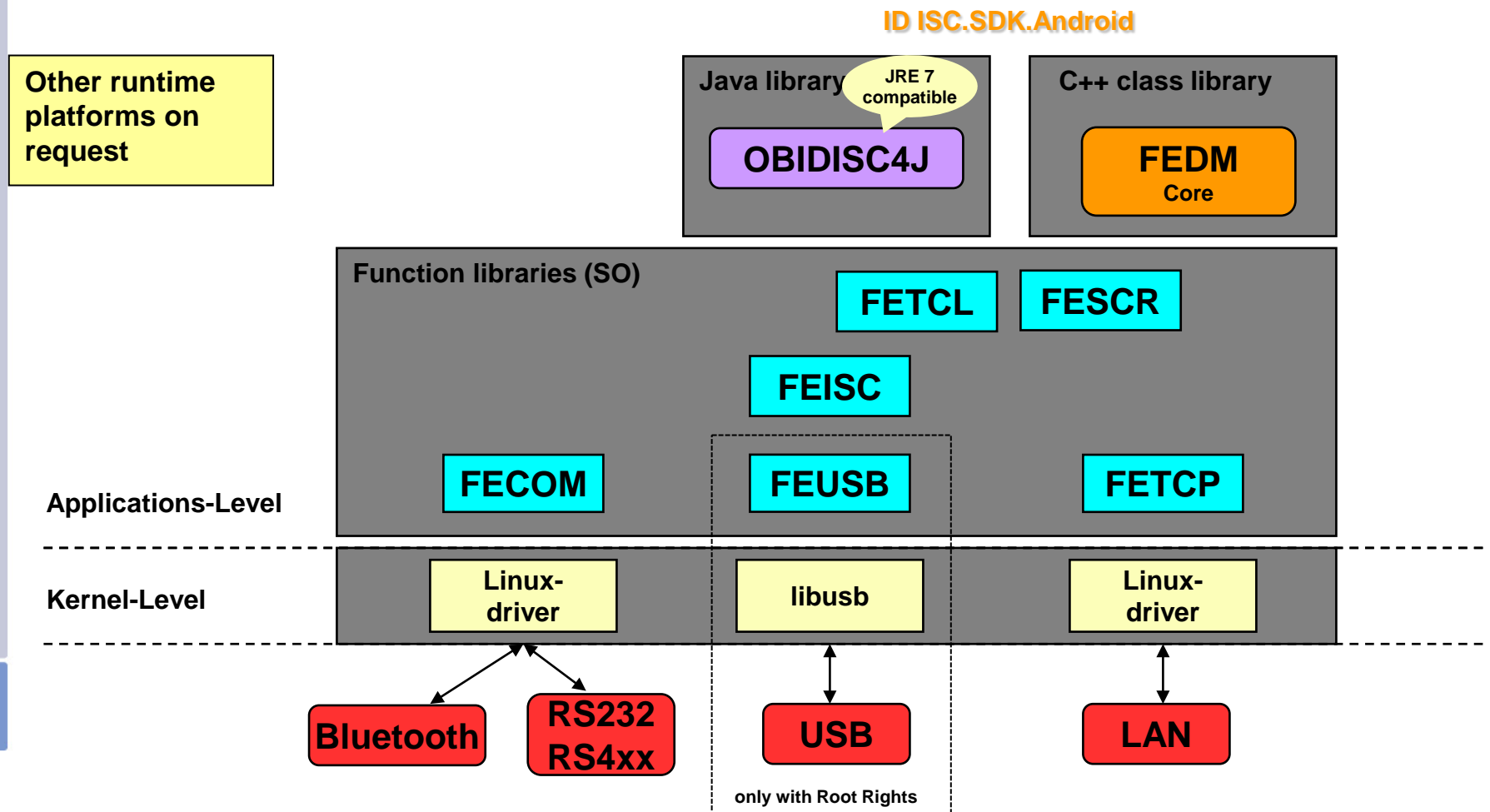
LAN

Software Support for Raspberry Pi with Raspbian



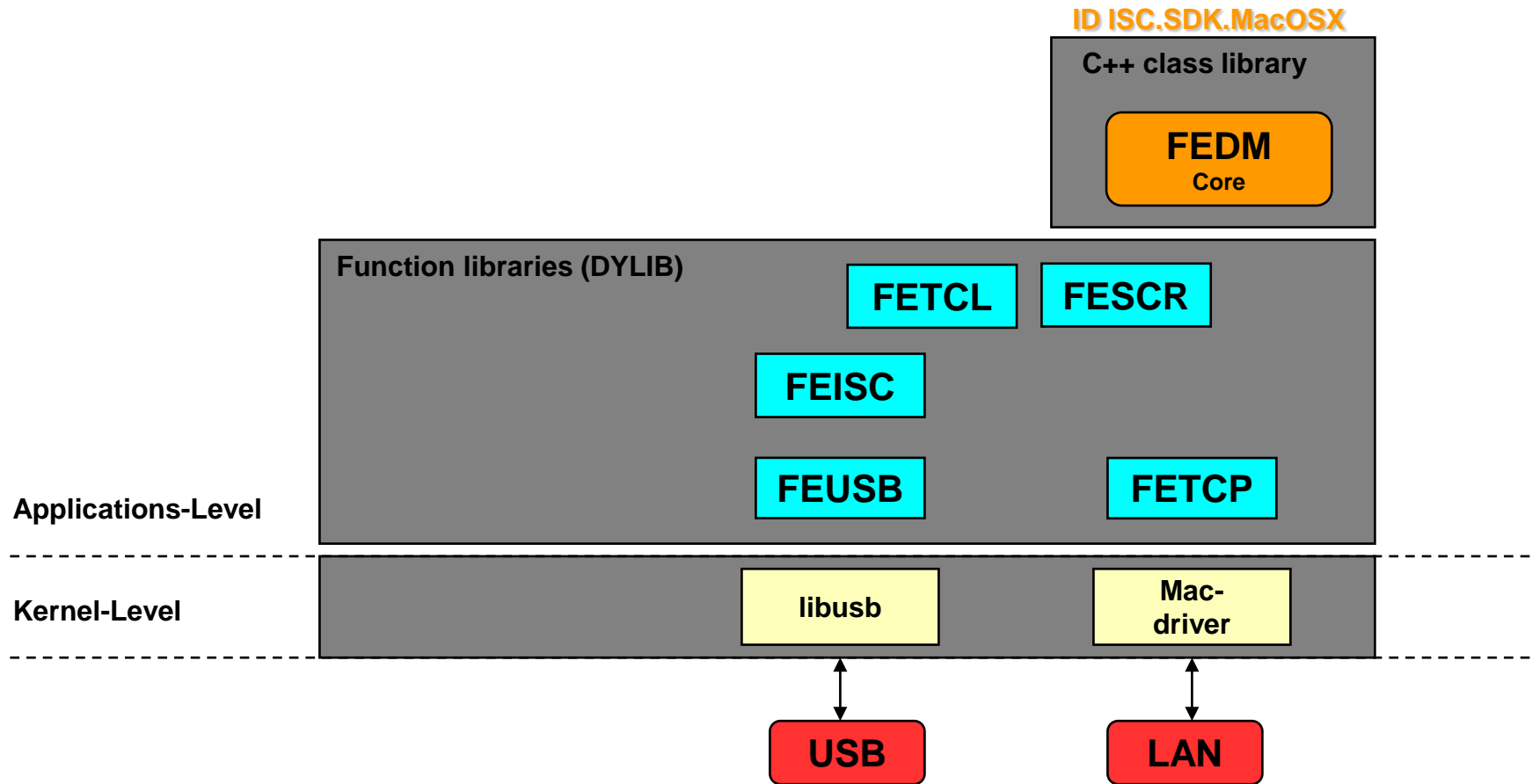
Software Support for Android

(ARMv5, ARMv7-a, x86, mips Runtime Libs)



Software Support for Mac OS X

(x86_64 Runtime Libs)

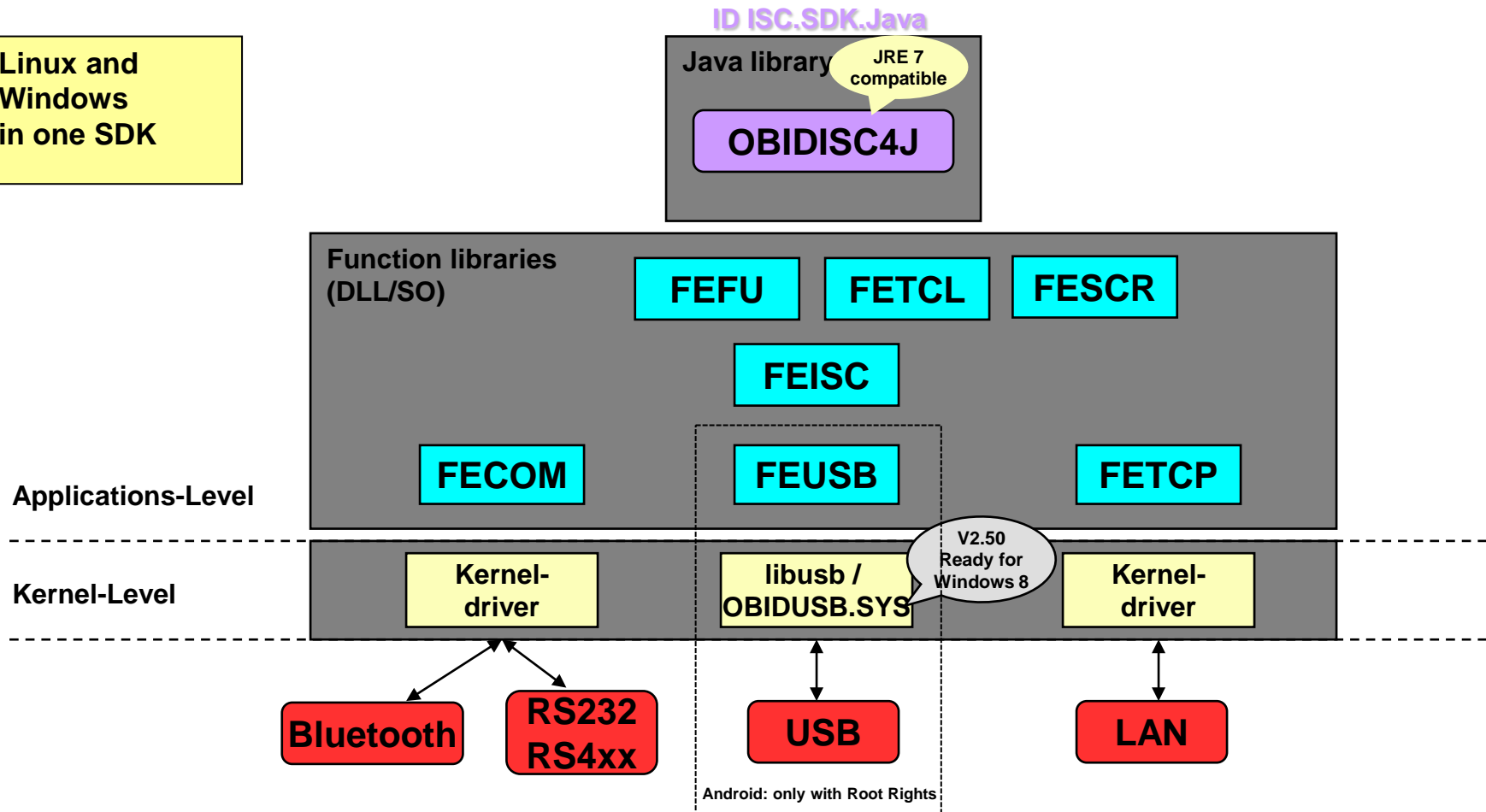


Software Support for Java

(x86-, x64-Bit and different ARM Runtime Libs)

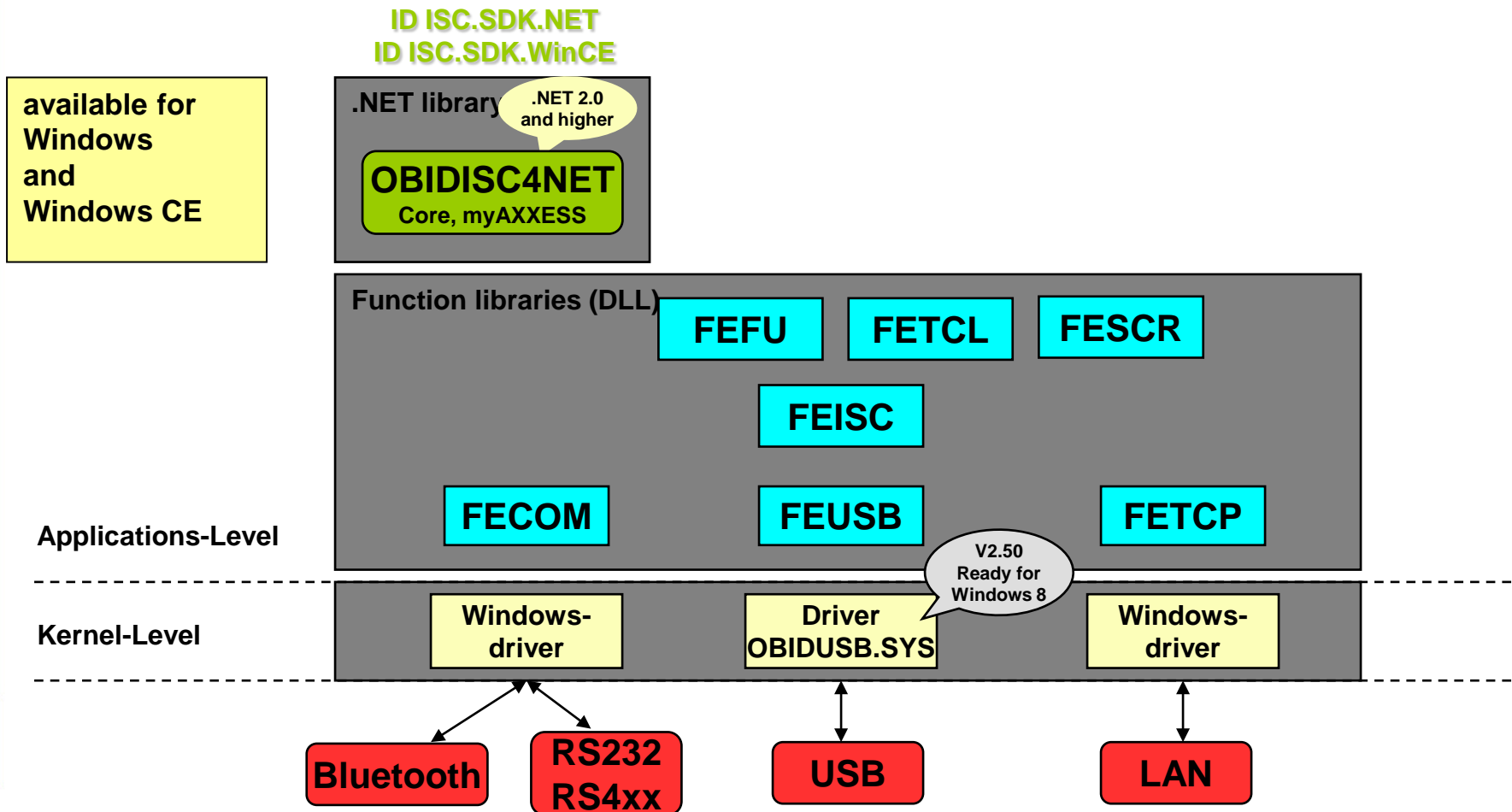


Linux and Windows in one SDK



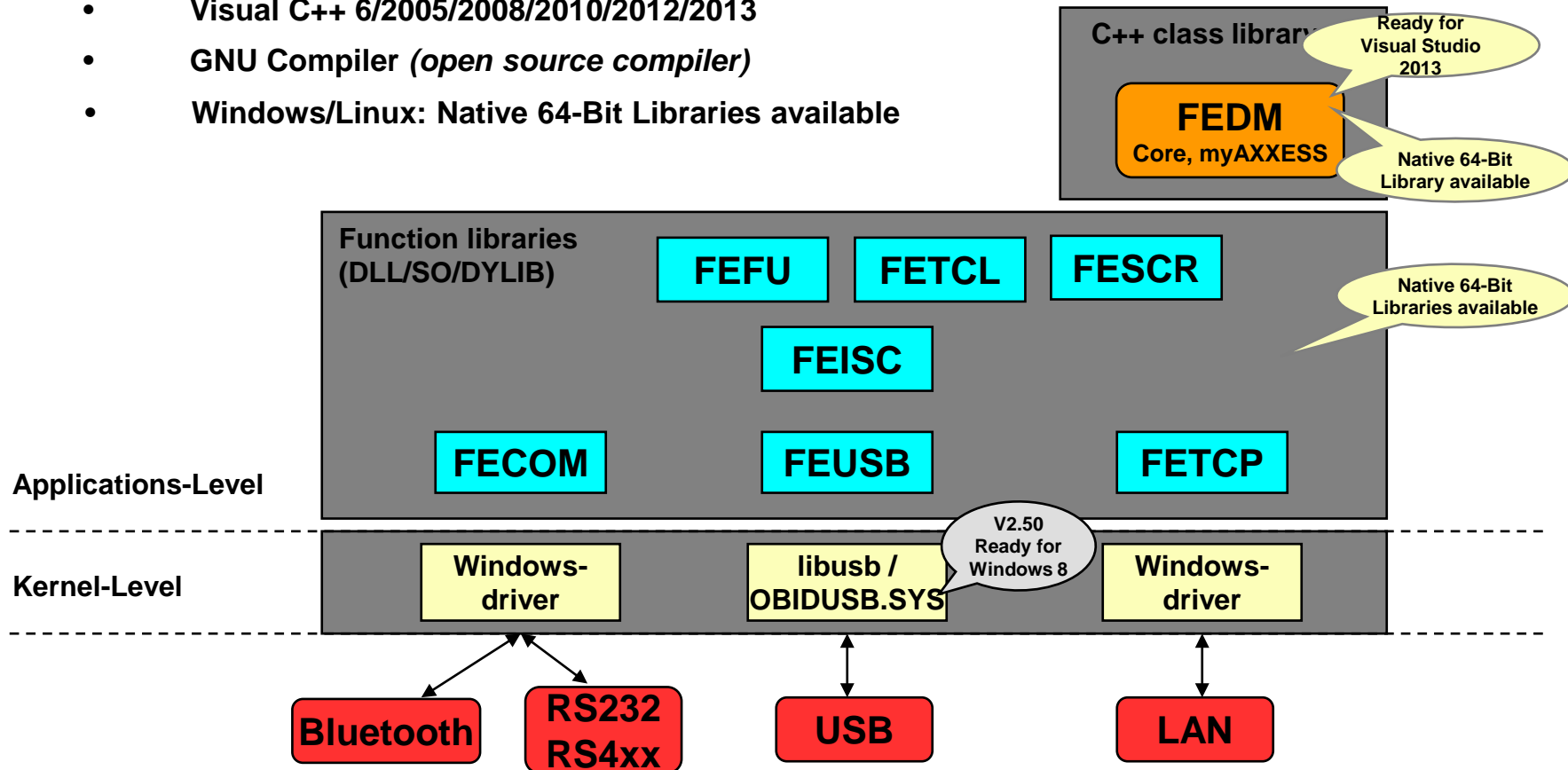
Software Support for .NET

(32- and 64-Bit Framework)



Software Support for C/C++

- Visual C++ 6/2005/2008/2010/2012/2013
- GNU Compiler (*open source compiler*)
- Windows/Linux: Native 64-Bit Libraries available

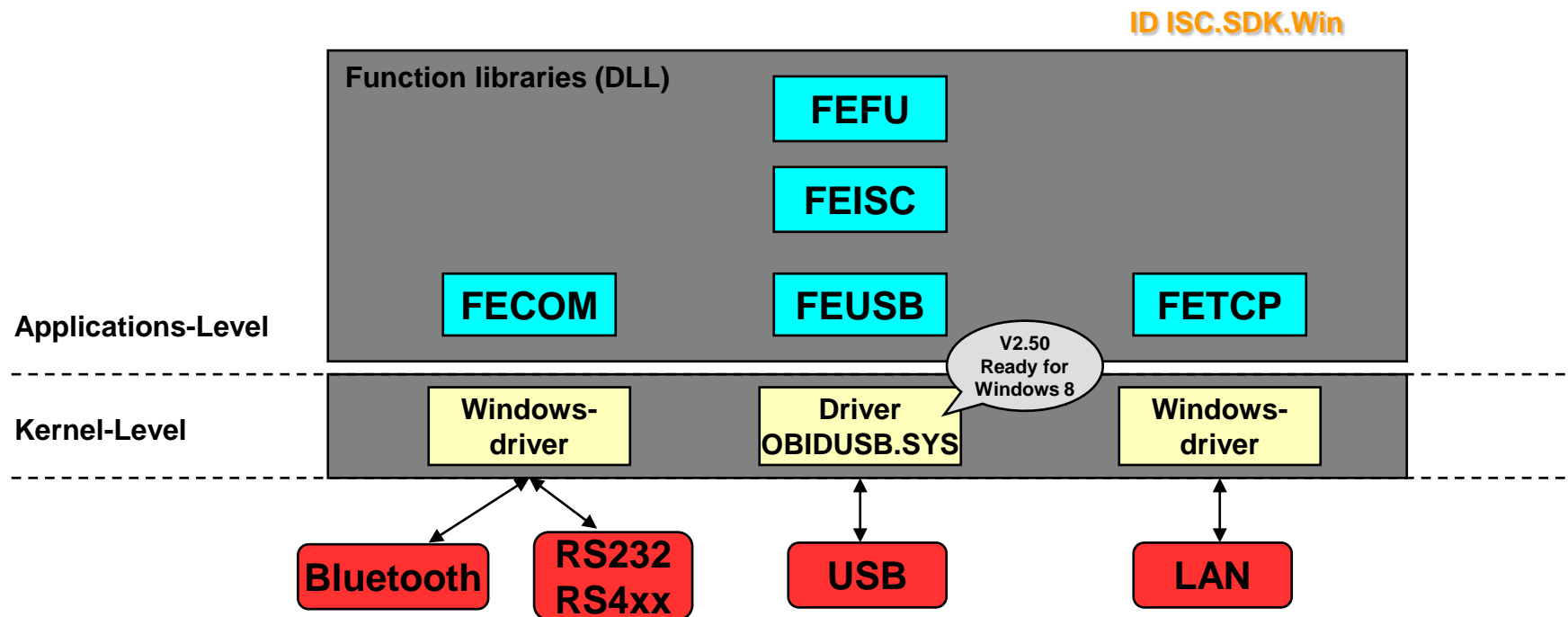


Software Support for LabView and LabWindows CVI

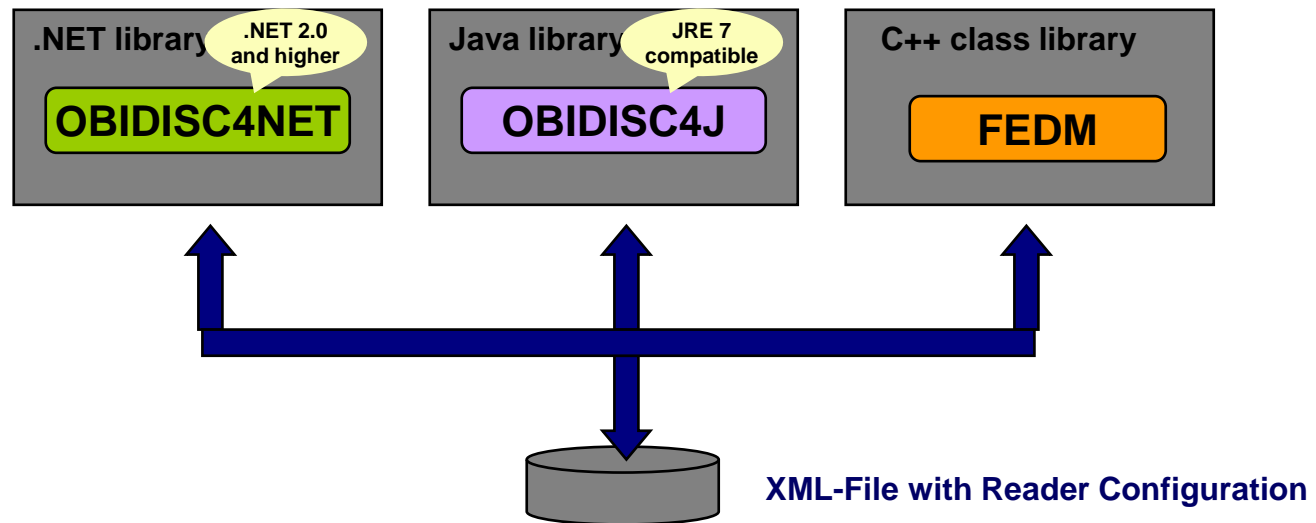
National Instruments

How to add a shared library:

<http://digital.ni.com/public.nsf/allkb/DCB90714981A1F148625731E00797C33>
<http://www.youtube.com/watch?v=CdG--UMpNhg>



Integration of XML Technology



XML is independent of:

- Operating System
- Development Tool
- Programming Language

The Structure of the XML Reader Configuration file is public

Advantage of the XML Reader Configuration file:

- Exchange of Reader Configuration between Reader and Application (e.g. ISOStart)
- Display of Reader Configuration with Browser

Source Code Samples of the SDKs

Standard Samples demonstrate Reader's Operating Modes:

- **ISOHostSample** (SDK.Win, SDK.Linux, SDK.NET, SDK.Java)
- **BRMSample** (SDK.Win, SDK.Linux, SDK.NET, SDK.Java)
- **ScanSample** (SDK.Win, SDK.NET, SDK.Java)
- **NotificationSample** (SDK.Win, SDK.Linux, SDK.NET, SDK.Java)
- **myAXXESS_Sample** (SDK.Win, SDK.Linux)

Special Samples:

- **FUSample demonstrates HF/UHF Function Units** (SDK.NET, SDK.Java)
- **USBSample demonstrates use of FEUSB-DLL** (SDK.Win, SDK.Linux, SDK.NET, SDK.Java)
- **PeopleCounterSample** (SDK.Win)

Complex Applications:

- **MUXDemo for HF/UHF Multiplexer** (SDK.Win)
- **DATuningTool for HF Dynamic Antenna Tuner** (SDK.Win)
- **myAXXESS_Manager** (SDK.NET)

Training, Consulting, Support

Software training as part of standard training

Manuals for every library

Support Address: obid-support@feig.de

Training application ISOStart / CPRStart

