

Datalogic® Compatibility SDK

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Product Involved: Elf™, Falcon™ X3, and Skorpion™ X3 devices.

Description: Application Portability SDK Guide

Business Unit: Mobile

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1. INTRODUCTION

- On Datalogic Elf, Falcon X3, and Skorpion X3 devices with version 1.70 or later firmware has API support for applications built for the Datalogic Memor™.
- This document provides the currently supported C++ Classes, the C# Methods, and scanner parameters of the Legacy Device's SDK API's.
- This feature was added to Datalogic Elf, Falcon X3, and Skorpion X3 devices since version 1.70.

2. Supported sdk VERSIONS:

- Datalogic C/C++ SDK for Windows CE 5.0 – v4.01 for Datalogic Memor and legacy devices.
- Datalogic C/C++ SDK Extension for Windows Mobile 6.0/6.1 v4.01 for the same devices.
- Datalogic .NET SDK for Windows CE 5.0 v2.0.2. (Mobility Kit)
- See http://www.datalogic.com/resources.aspx?t=0&search_name=SDK&search_prod=61

3. Scanner Supported C++ Classes AND their members:

- Class DLScanner
 - init
 - deinit
 - read
 - scanEnable
 - scanDisable
 - isScanEnabled
 - pressSoftTrigger
 - releaseSoftTrigger
 - registerLabelEvent
 - deregisterLabelEvent
 - registerLabelMessage
 - deregisterLabelMessage
 - registerStartScanningEvent
 - deregisterStartScanningEvent
 - registerStartScanningMessage



- deregisterStartScanningMessage
- registerStopScanningEvent
- deregisterStopScanningEvent
- registerStopScanningMessage
- deregisterStopScanningMessage
- registerTimeOutEvent
- deregisterTimeOutEvent
- registerTimeOutMessage
- deregisterTimeOutMessage
- getLabelTextLength
- getLabelText
- getBinaryDataLength
- getBinaryData
- getIdentifier
- getBarcodeTypeLength
- getBarcodeType
- getBarcodeAIMIdentifierTextLength
- getBarcodeAIMIdentifierText
- attachListener
- detachListener
- getScanPressEventName
- getScanReleaseEventName
- Class DLScannerSetup
 - setDefault
 - getParameter
 - getParameterByReference
 - setParameter
 - setParameterByReference
 - getXMLDescriptionTextLength
 - getXMLDescriptionText
 - save
 - getStatus
 - getReaderIdentifier

4. SCANNER SUPPORTED ACTIVEX CLASSES AND THEIR MEMBERS:

- Class Datalogic Scanner
 - Property sBarcodeAIMIdentifierText
 - Property sBarcodeType
 - Property nIdentifier
 - Property sLabelText
 - Property bScanEnabled
 - Method pressSoftTrigger
 - Method read
 - Method releaseSoftTrigger
 - Event LabelScanned
 - Event Scan Started

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- Event Timeout
- Class Datalogic ScannerSetup control
 - Method getParameter
 - Method getParameterString
 - Method getReaderIdentifier
 - Method getStatus
 - Method getXMLDescription
 - Method save
 - Method setParameter
 - Method setParameterString
 - Method setDefault
 - Method setXMLDescription
- Class Datalogic Device control
 - Property blnCradle
 - Property nBatteryLevel
 - Method SoundBeeper

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