

Datalogic® Compatibility SDK

Document: Application Portability SDK Guide **Distribution Date:** 17/08/2013

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

Description: Application Portability SDK Guide

Business Unit: Mobile

Distribution Scope: Internal External – specify: _____

1. INTRODUCTION

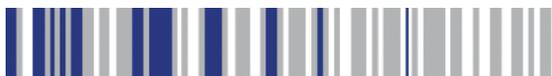
- On Datalogic Elf, Falcon X3, and Skorpion X3 devices with version 1.70 or later firmware has API support for applications built for the Datalogic Memor™.
- This document provides the currently supported C++ Classes, the C# Methods, and scanner parameters of the Legacy Device's SDK API's.
- This feature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

© 2007-2013 Datalogic ADC, Inc. All rights reserved. Protected to the fullest extent under U.S. and international laws. Copying, or altering of this document is prohibited without express written consent from Datalogic ADC, Inc. Product specifications are subject to change without notice. Datalogic Proprietary & Confidential Information.

The Bluetooth mark and logos are owned by the Bluetooth SIG, Inc. and any use of such mark is under license.

Datalogic and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S. and the E.U. and Datalogic ADC and the Datalogic Automatic Data Capture logo are trademark of Datalogic S.p.A. The Joya logo is a registered trademark of Datalogic ADC, S.r.l. in the U.S. and the E.U. Joya, Shopevolution and the Elf logo are registered trademarks of Datalogic ADC S.r.l. in the E.U. Elf, Joya, Kyman, Kyman-Gun, Lynx, Memor, R-Series, Rhino, Skorpion, and Skorpion Gun 3GL, Datalogic Aladdin, Datalogic STAR, Datalogic STAR Cordless System and Touch are trademarks of Datalogic ADC, S.r.l. Falcon, the Falcon logo, Magellan, PowerScan, and QuickScan are registered trademarks of Datalogic ADC, Inc. in many countries, including the U.S. and the E.U. All-Weights, First Strike, Gryphon, Heron, illumix, Pegaso, PreScan, PT-2000, Sextante GZPS, SurroundScan and Top Gun are registered trademarks of Datalogic ADC, Inc. in the U.S. Cashier Training, Motionix, Produce Rail, ScaleSentry, SmartSentry, and Productivity Index Reporting are trademarks of Datalogic ADC, Inc. All other brand and product names are trademarks of their respective owners.



- 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

© 2007-2013 Datalogic ADC, Inc. All rights reserved. Protected to the fullest extent under U.S. and international laws. Copying, or altering of this document is prohibited without express written consent from Datalogic ADC, Inc. Product specifications are subject to change without notice. Datalogic Proprietary & Confidential Information.

The Bluetooth mark and logos are owned by the Bluetooth SIG, Inc. and any use of such mark is under license.

Datalogic and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S. and the E.U. and Datalogic ADC and the Datalogic Automatic Data Capture logo are trademark of Datalogic S.p.A. The Joya logo is a registered trademark of Datalogic ADC, S.r.l. in the U.S. and the E.U. Joya, Shopevolution and the Elf logo are registered trademarks of Datalogic ADC S.r.l. in the E.U. Elf, Joya, Kyman, Kyman-Gun, Lynx, Memor, R-Series, Rhino, Skorpio, and Skorpio Gun 3GL, Datalogic Aladdin, Datalogic STAR, Datalogic STAR Cordless System and Touch are trademarks of Datalogic ADC, S.r.l. Falcon, the Falcon logo, Magellan, PowerScan, and QuickScan are registered trademarks of Datalogic ADC, Inc. in many countries, including the U.S. and the E.U. All-Weighs, First Strike, Gryphon, Heron, illumix, Pegaso, PreScan, PT-2000, Sextante GZPS, SurroundScan and Top Gun are registered trademarks of Datalogic ADC, Inc. in the U.S. Cashier Training, Motionix, Produce Rail, ScaleSentry, SmartSentry, and Productivity Index Reporting are trademarks of Datalogic ADC, Inc. All other brand and product names are trademarks of their respective owners.

