TWedgeCE

Data Acquisition Software For Mobile Applications

Generic Data Acquisition for Pocket PC's

For Microsoft® Windows® CE, Microsoft PocketPC® and Microsoft Mobile®

Data Acquisition made Easy

TWedgeCE is a generic data acquisition application for handheld or mobile devices.

It captures data from an arbitrary device interface and simulates keystrokes based on the captured data. These keystrokes are sent subsequently to an arbitrary application.

Broad Device Support

Any device connected via Bluetooth® or serial (RS-232) port is supported.

Barcode scanners, gauges, controllers, analyzers, RFID-readers, WLAN-devices, measurement tools and many more are connected to a PDA or MDE within minutes. In addition, a special version for Symbol® PPT8800 is available which directly supports the built-in barcode scanner.

For Mobile Devices

TWedgeCE operates under all mobile operating systems equal or newer than Windows Pocket PC 2002 or Windows CE 4.0.

Without changing Applications

Captured data is translated into keystrokes, thus no software modification is required for integrating data-acquisition features into existing applications.

Flexibility

Flexible automation functions are available - e.g. data read by *TWedgeCE* may be modified before translating it into keystrokes, the required input field can be selected automatically, applications may be started or activated on demand and control keys can be simulated based on input data.

Simple Setup, Simple Deployment

TWedgeCE is installed by executing a setup application and deploys itself over a Microsoft® ActiveSync® connection. The configuration for multiple devices is maintained by a single text-based configuration file.

Highlights

General

- *No Programming*
  TWedgeCE uses keystroke simulation to communicate with arbitrary applications.
- *Simple Configuration*
  Configuration is done by a single text-based configuration file.
- *Easy Deployment*
  Simply distribute the configuration file to your mobile devices.

Supported Interfaces

- *Serial (RS 232) Interface*
  TWedgeCE reads data from arbitrary serial connections.
- *Bluetooth® Interface*
  Bluetooth® devices like bar code scanners are connected within minutes. TWedgeCE reconnects automatically if a Bluetooth® connection is lost.

Special Versions

- *Symbol® PPT8800*
  The special version of TWedgeCE for Symbol's PPT8800 offers integrated barcode-scanner support.

Operating Systems

- *Windows CE and PocketPC Supported*
  TWedgeCE supports most mobile operating systems. Builds for special architectures are available on request.

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