TWedge

Software Wedge

Data Acquisition Tool

Collect Data from Arbitrary Devices

Extend Applications and Databases with Device Connectivity

Data Acquisition made Easy

TWedge inputs real-time data into arbitrary applications, files or databases. It connects to any serial or TCP/IP based device and utilizes a completely new, script-based approach.

The implemented scripting engine allows easy customization to meet all possible requirements. In combination with pre-configured templates for common data acquisition tasks *TWedge* represents a powerful, but very easy to use data acquisition tool.

Broad Device Support

Devices with RS232 (serial), USB, Bluetooth® or a TCP/IP interface are supported.

Data from bar code scanners, scales, balances, laboratory instruments, meters, sensors, gauges, controllers, analyzers, stripe- or RFID-readers, WLAN-devices, measurement tools and many more is collected in an instant.

Controlling, prompting or triggering devices is simple. On demand *TWedge* communicates with connected devices in a bi-directional way.

Built-In Scripting Language

The script based approach of TWedge makes customization easy. Simply modify the JavaScript®-based acquisition script to perform arbitrary computations, to interact with the user, to interact with other applications via keystroke simulation, to read or write files or to work with databases directly.

Keystroke simulation

If required *TWedge* converts captured data into key-strokes and forwards these keystrokes to arbitrary applications. No modification or redesign of the target system is required. Microsoft® Office applications, ERP-systems like SAP® R/3® and all type of legacy applications benefit from this technology.

Direct Database Access

TWedge is also able to store captured data directly into any ODBC database. Required lookup or update statements are available as part of *TWedge*, no additional software components are required. A simple data logger application which polls a sensor periodically is a matter of minutes.

Simple Deployment

The operation of *TWedge* is controlled by a single file, deployment efforts are reduced to a minimum. On demand the configuration file is encrypted and password protected to avoid unauthorized modification.

Simple Operation

TWedge can be run in background mode: it monitors the configured interface for incoming data. Whenever data is captured, *TWedge* processes it according to the configuration and transfer the results to the desired target application or database.

Highlights

General Features

- *RS232, RS485, Bluetooth®, TCP/IP*
  Bi-directional communication
- *Hotkey Support*
- *Encrypted Configuration*
- *Terminal Server Support*
- *Pre-Configured Use Cases*

Scripting Features (based on JavaScript®)

- *Database Access (ODBC)*
- *File Access*
- *Keystroke Simulation*
- *Application Control*
- *User Interaction (Dialogs, Messagebox)*

More Infos on http://www.tec-it.com: Data Acquisition Tool and Software Wedge - TWedge

© by TEC-IT Datenverarbeitung GmbH
This document is no technical specification and is for informational purposes only / Dieses Dokument stellt keine technische Spezifikation dar und dient ausschließlich zur Information. Trademarks: • SAP, R/3, ABAP, SAPscript are trademarks or registered trademarks of SAP AG in Germany (and in several other countries) • Microsoft®, Windows®, Microsoft Word®, Microsoft Excel®, Microsoft InfoPath®, Microsoft SharePoint®, ActiveX® are registered trademarks of Microsoft Corporation. • PCL® is a registered trademark of the Hewlett-Packard Company. • PostScript® is a registered trademark of Adobe Systems Inc. • UNIX® is a registered trademark of The Open Group. • Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. • Mac and Mac OS are trademarks of Apple Inc., registered in the U.S. and other countries. • All other products mentioned are trademarks or registered trademarks of their respective companies.

TEC-IT Datenverarbeitung GmbH, A-4400 Steyr, Wagnerstrasse 6
office@tec-it.com T ++43 (0)7252 72720
www.tec-it.com F ++43 (0)7252 72720 77