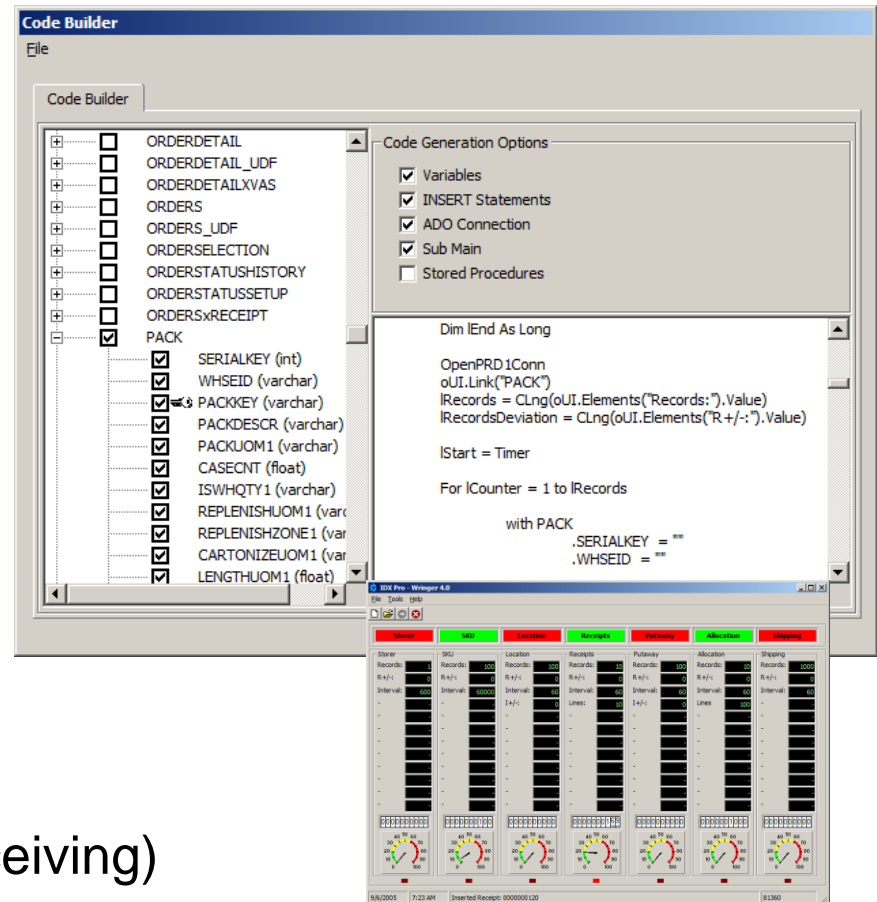# Multi Enterprise Collaboration Products

Wringer Presentation

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IDX Wringer Introduction

Stress Test / Benchmarking Utility

- Test Server requirements
  - sizing
  - Level of fail
  - Generate years of data

- Test efficiency of
  - Stored procedures
  - Interface macros

- Multiple macro types
  - Interfaces (i.e. documents, etc)
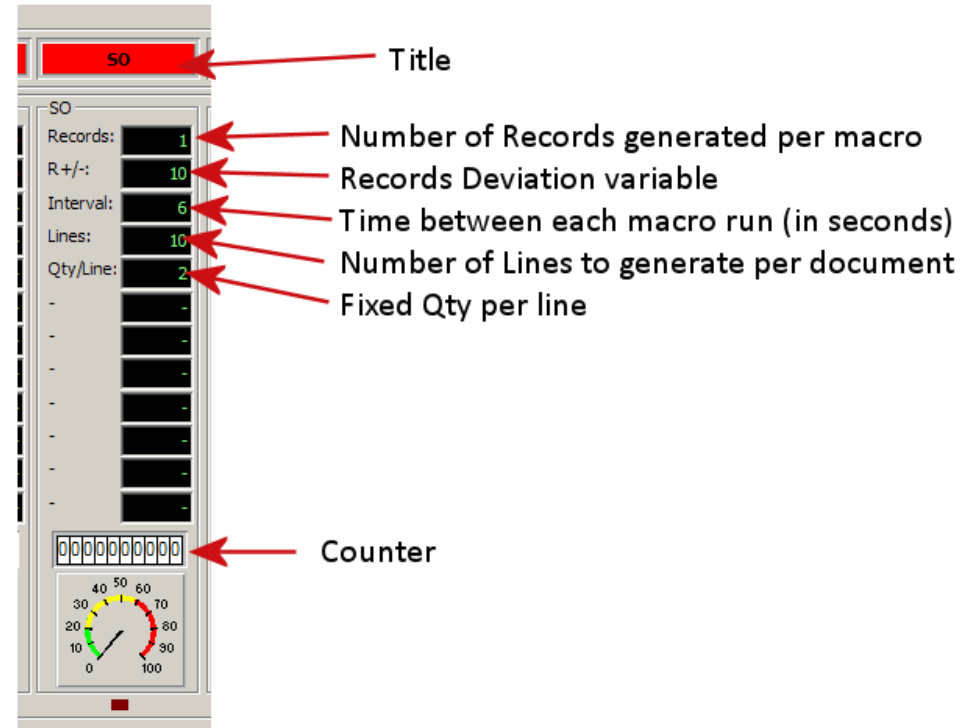 - Called stored procedures (i.e. receiving)

What can Wringer do?

- Generate import files
  - XML, EDI, Text, direct DB inserts
  - Volumes configurable in settings
  - Lookups and real data usage
  - Error/fail rates can be set
  - Can be for documents (PO, ASN, SO, Loads, Waves, etc)
- Trigger application execution
  - Call API's
  - Call stored procedures and triggers
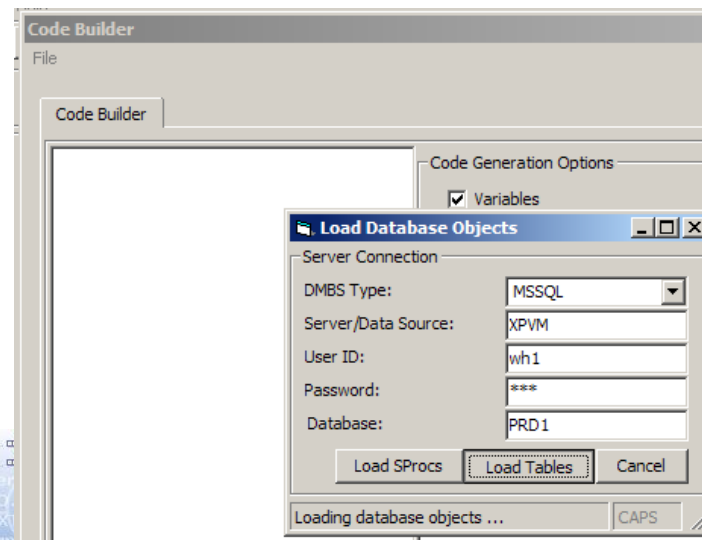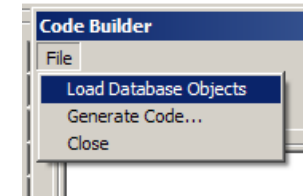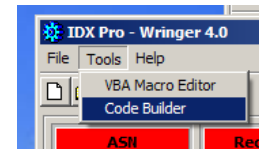- Execution triggers outbound interface generation

- Each parameter is defined by the UI Controller macro.

- They are changed via the macro, and are then used as variables in the separate macro files as required.

Title

Records:	1 — Number of Records generated per macro
R+/-:	10 — Records Deviation variable
Interval:	6 — Time between each macro run (in seconds)
Lines:	10 — Number of Lines to generate per document
Qty/Line:	2 — Fixed Qty per line

Counter

Code Generator

- Wringer has a code generator to create the code defining variables, loops, etc
  - Tools – Code Builder

  - File – Load Database Objects

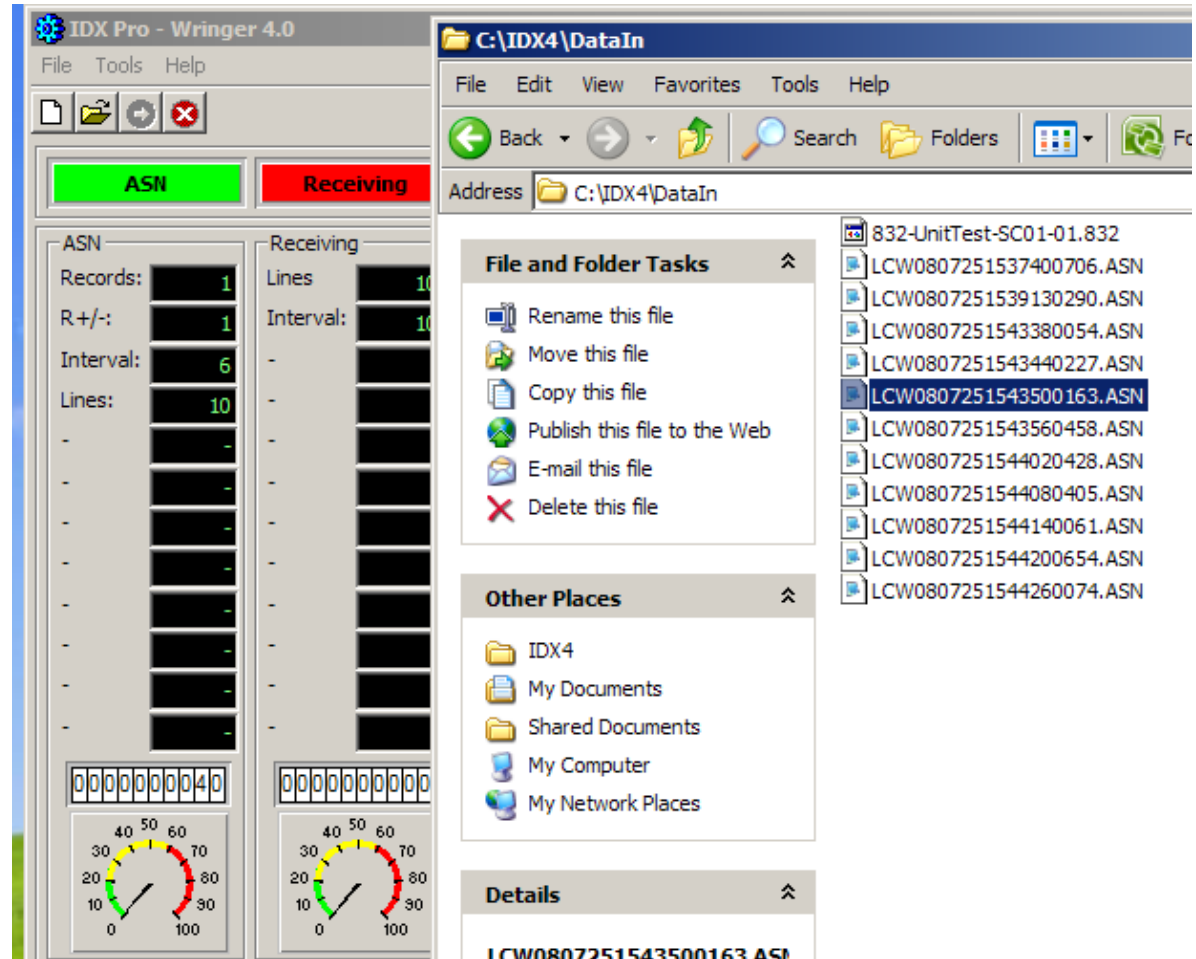   - Put WMS DB details in the connection

Utilising WM Procedures

- For triggering internal WMS events like receiving, allocation, picking and shipping
  - Receiving
    - DB updates Received Qty = Expected Qty
  - Putaway
    - ExecuteForteProcedure "nspitrnaddmove"
  - Allocation
    - ExecuteForteProcedure "nspOrderProcessing"
  - Picking
    - DB updates Pickdetail to picked (status = 5)
  - Shipping
  - DB updates Pickdetail to shipped (status = 10)

Example: How to run from Wringer

- Open Controller UI Macro.
- Click ASN to turn Green
- Click Green Run arrow
- Should continuously generate one asn file very xx seconds.
- Counter Shows number of lines generated

Thank You