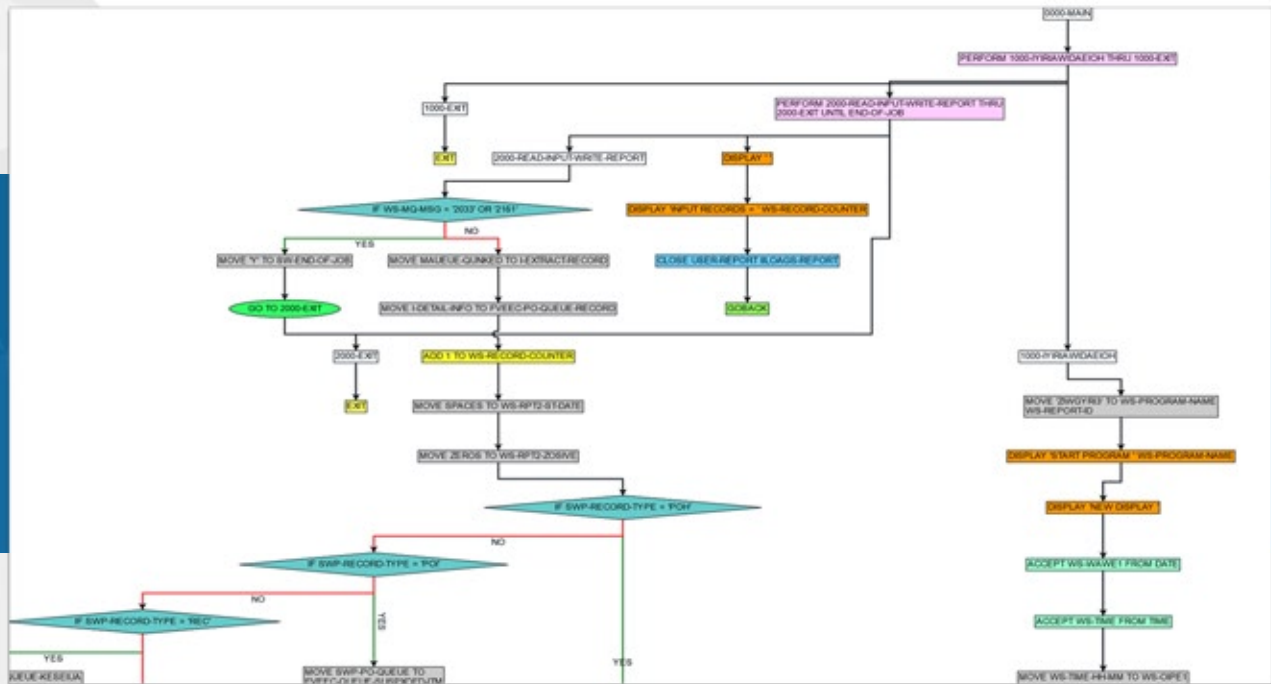# SMARTTSXL
SOFTWARE INTELLIGENCE

COBOL SOLUTIONS

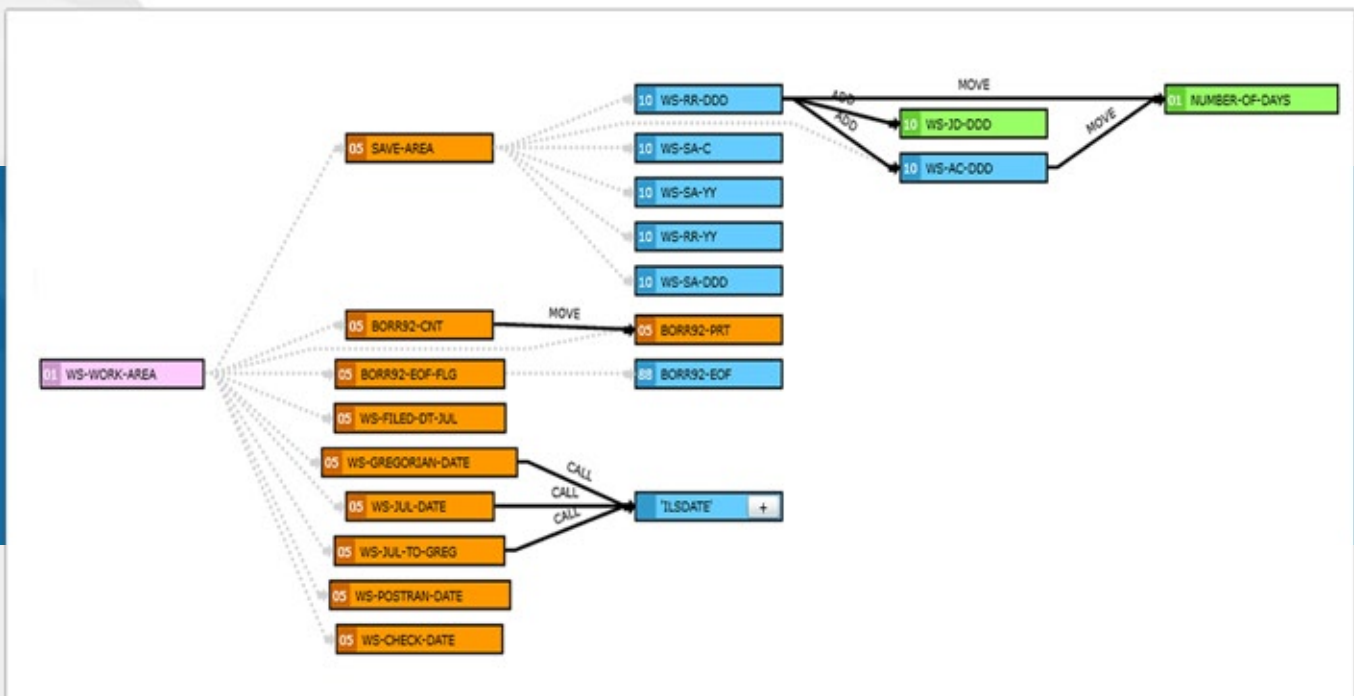## IN-COM

Control Flow
Diagram

The Control Flow Diagram Generator displays the flow of your programs graphically, helping you to understand complex program logic without having to study every line of code. It facilitates an increase in the efficiency and productivity of your team by flowcharting all your programs for mission-critical projects.

- View the control flow of COBOL programs in a color-coded graphic.
- See upstream and downstream from specific elements within a program.
- Interact with the diagram and tailor the view.
- Select an element to view the exact line of code that generated it.
- Export results to XML as well as Microsoft® Excel or Word.
- Available for COBOL, Java, VB 6, C and C#

COBOL Field
Tracker

The Field Tracker Report lets you know the ripple effects of changing a field. Instead of having to manually search for field movements over and over, the field tracker lets you pinpoint a field and see its usage in a program.

- Instantly find every occurence of a field name with one search.
- Accurately track field movement in your entire system.
- Track fields in a COBOL program and the included Copybooks.
- Search for fields based on the type of operations in which they occur.
- Perform iterative searches to see relationships between the fields.

COBOL
Expander

The COBOL eXpander inserts referenced modules into the COBOL program flow and shows you how the program looks at run time. Research for modification or maintenance can be done without having to look up each different element.

```
[00961]              EVALUATE  TRUE
[00962]              WHEN  DSFILE-ID = 1
[00963]                 COPY  IHENOGPJ  REPLACING  VAFICED  BY  DSFILE1.
[00964]                 EVALUATE  TRUE
[00965]                 WHEN  VECUESHEX-OPEN-MODE  (DSFILE-ID)  =  INPUT-MODE
[00966]                    OPEN  INPUT  VAFICED
[00967]                    OPEN  INPUT  DSFILE1↵
[00968]
[00969]                 WHEN  VECUESHEX-OPEN-MODE  (DSFILE-ID)  =
[00970]                    CLOSED-MODE  OR  IO-MODE
[00971]                    OPEN  I-O  VAFICED
[00972]                    OPEN  I-O  DSFILE1↵
```

• Expands all Copybooks to display the program as it appears at run-time.
• Search on the COBOL program and all included Copybooks.
• Expands symbolic variables defined in the "replacing by" statements.
• Determines true program complexity by analyzing code contained in Copybooks as well as the main program code.

Want to see more?

Request your personalized demo
www.in-com.com/request-a-demo

Get in touch
info@in-com.com