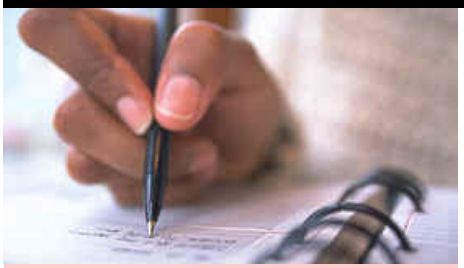
Stratman Implementer from Change CSM



Workflow design and testing are laborious tasks unless they are created from a process map and tested automatically. Complicated maps can take many weeks of examination to ensure every conceivable path is validated and possible if done manually, whereas automatic testing will rapidly show faults. The ability to create workflow code directly from the model will save further time with no code writing required.

BENEFITS

- ***90% reductions on testing***
- ***Automatic Workflow Code generation***
- ***Reverse Engineering of Workflow code***
- ***Real time activity monitoring***
- ***Scenario Analysis***

KEY FEATURES

- ***Full model validation***
- ***Scenario generation***
- ***Scenario analysis***
- ***Test Plan generation***
- ***Test Checking***
- ***Workflow Generation***

What is Stratman Implementer?

Stratman Implementer is a tool for generating test data to exercise a process design. The trick to successful and productive use is matching the use of the tool to the 'problem to be solved'.

It attempts to provide a structured approach to high level test design by generating test data, input scripts and expected results directly from the process diagrams and data model defined in Stratman Designer.

This helps in significantly reducing the time and business risk in implementing business process change/ organisational operation or supporting systems changes.

The generated test data can be exported to a third party test driver for execution. Actual results are imported back into Implementer for reconciliation and reporting.

Test data is generated at 'design time' making specifications more complete. Generating a test pack at design time also means that test data is available through each stage in the development cycle.

Real-time activity monitoring **-** Implementer assists in the design and build of business processes. The testing within Stratman implementer simulates delays in the live world and triggers alternate routes / alerts or escalation should the exceptions occur. This approach ensures that activity monitoring is built into the final workflows.

Forward and Reverse Engineering **-** Stratman Implementer generates workflow, business rules that can be forward engineered into an application environment.

Forward and Reverse engineer capabilities ensure that the model and the live system are kept in alignment.

Stratman Implementer generates export files (.csv or XML) that provide information on logic flow within the process. This data creates the business rules so that this information can be taken into the workflow environment and generate the code necessary for these systems to run.

Parameter files are used within Designer to ensure referencing control between the model view and the live system

Testing and Analysis—Stratman Implementer generates a full test pack that ensures the new workflow is fully tested, and analyses the results extracted from the live system to ensure that the testing is complete, or that any anomalies are acceptable.

Once the workflow is live, regular extracts of data can be loaded into Stratman Informer (for measurement) to check against the process KPI's. Summary graphs from this are loaded into Stratman Knowledge Library (SKL) for management review, whilst the analyst can 'drill down' into the data to determine root cause for exceptions.

Stratman Implementer then checks that the items can be processed through the workflows and generates full coverage test scripts with expected results to speed testing of system changes. This forces the system designer through the thought processes of static analysis and test-design thinking.

Stratman Implementer 'test pack' can be used for dynamic analysis and introduces both structured testing and project methodology to build confidence in the finished deliverable.

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Product Features

Full model validation – Checks that decisions on the model have used correct data so that data can be correctly routed through the process.

Scenario generation – Generate the minimum amount of combinations of scenarios that will fully test the processes within the design.

Scenario analysis – For each of the scenarios Evaluator uses the values entered within Designer (or as altered in Implementer) and calculates multiple alternatives on how an item can be analysed – i.e. end to end time, wait time, actual work time per resource – predicting when delays will be encountered.

Test Plan generation – Implementer generates test cycles day on day to check a process with all of the data necessary to route through all the different decisions

Test Results – also generated are the end data results once a test condition has been run with the data stated.

Test Checking – The plan, scenarios, data and expected results can all be exported as reports / files for use in testing. The solution allows the data to then be loaded back into Implementer, mapped to the tests and the system will analyse if the tests were run and the correct results achieved.

Workflow Generation - Forward and Reverse Engineering.

Forward Engineering – this uses a specific palette (currently available are Debt Manager, Oracle workflow, R/KYV & Hummingbird workflow) where the rules in the palette ensure that the design can be delivered in the end application.

Implementer exports a file in .csv or XML format that contains the details of the process, data and rules that allow the end workflow system to then run.

Reverse Engineering – this uses an additional feature to load a live running process back into the design environment and draws a model of the current process. Value of this is that it identifies problems with live running processes including redundant processing and/or areas that exceed service levels.

Stratman Implementer transforms the 'know-how' of the business into terms understandable and applicable to an IT environment.

Who is Change CSM?

Change CSM provides products and services to enable organisations to optimise and manage their business processes and systems. Founded in 1995, our Business Operations solutions are based on its unique flagship product, **Stratman**, providing a combined Business Process Management (BPM) and Continuous Improvement package with a focus on practical design, model, simulation, delivery and measurement of benefits.

With over an established user base together with an excellent partnership program, Change CSM is ideally placed to provide solutions for all organisations through adaptation of the Stratman product set.

Other Solutions from Change CSM

- **Workflow Agility -** Design & Test your workflow models, then create the workflow code & generate full documentation from the model directly.
- **Continuous Improvement -** Design & Test BPM models, include full metrics at each stage of the process and measure performance improvements at both the design stage and review.
- **Business Continuity -** Map out business continuity processes and access securely from alternative locations to ensure full recovery in the event of total loss of site.
- **Compliance -** Provide fully detailed process maps to meet government or market regulations. Have the ability to demonstrate that individuals have undertaken required tasks to ensure full compliance.
- **Operational Management BPM -** Review performance, evaluate, build, test in order to improve business processes.
- **Contract Certainty -** Insurance industry focussed solution aimed at helping companies achieve compliance to FSA regulations.
- **Task Management -** Allocate, Monitor and Measure tasks across the organisation based on team and resources.

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