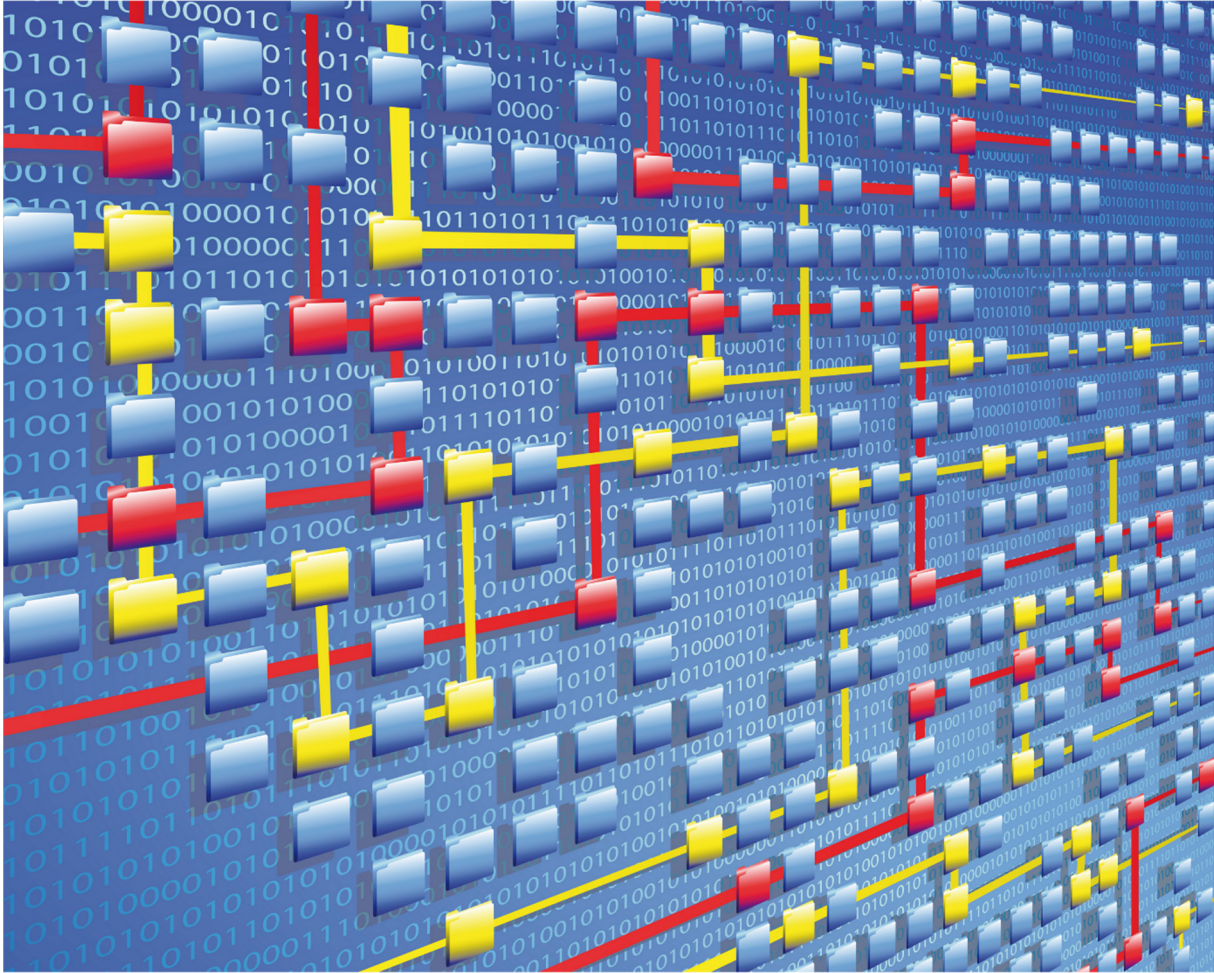


# IEEE Task Force on



# Process Mining

XES CERTIFICATION FOR  
TODO: TOOL

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# TOOL

## Tool

### NAME

TODO: Name of the tool

### VENDOR

TODO: Vendor of the tool

### VERSION

TODO: Version of the tool

### REQUESTED CERTIFICATION LEVELS

#### Import

TODO: List all levels that are supported by the tool for import, *like* A-X

#### Export

TODO: List all levels that are supported by the tool for import, *like* A1, B-X

# META

## Meta

### AUTHORS

TODO: Authors of the report

### DATE

TODO: Date of the report (DD/MM/YYYY)

### HISTORY

#### CHANGES

AUTHOR(S)	DATE	DESCRIPTION
<b>TODO: Author(s) of change</b>	TODO: Date of change (DD/MM/YYYY)	TODO: Description of change

# IMPORT

## Import

### REAL-LIFE LOGS

#### SANITIZED BPIC LOGS

NAME	TRACES	EVENTS	SIZE IN KB
<b>BPIC12</b>	13,087	262,200	72,363
<b>BPIC13_closed_problems</b>	1,487	6,660	4,090
<b>BPIC13_incidents</b>	7,554	65,533	38,627
<b>BPIC13_open_problems</b>	819	2,351	1,370
<b>BPIC15_1</b>	1,199	52,217	40,261
<b>BPIC15_2</b>	832	44,354	33,616
<b>BPIC15_3</b>	1,409	59,681	45,673
<b>BPIC15_4</b>	1,053	47,293	36,131
<b>BPIC15_5</b>	1,156	59,083	44,961
<b>BPIC17 - Offer log</b>	42,995	193,849	107,557
<b>BPIC17</b>	31,509	1,202,267	565,373

#### **BPIC12**

TODO: Walk-through with screenshots showing that the log is imported successfully.

#### **BPIC13\_closed\_problems**

TODO: Walk-through with screenshots showing that the log is imported successfully.

#### **BPIC13\_incidents**

TODO: Walk-through with screenshots showing that the log is imported successfully.

#### **BPIC13\_open\_problems**

TODO: Walk-through with screenshots showing that the log is imported successfully.

#### **BPIC15\_1**

TODO: Walk-through with screenshots showing that the log is imported successfully.

#### **BPIC15\_2**

TODO: Walk-through with screenshots showing that the log is imported successfully.

#### **BPIC15\_3**

TODO: Walk-through with screenshots showing that the log is imported successfully.

# IMPORT

## BPIC15\_4

TODO: Walk-through with screenshots showing that the log is imported successfully.

## BPIC15\_5

TODO: Walk-through with screenshots showing that the log is imported successfully.

## BPIC17 – Offer log

TODO: Walk-through with screenshots showing that the log is imported successfully.

## BPIC17

TODO: Walk-through with screenshots showing that the log is imported successfully.

## ARTIFICIAL LOGS

### FILTERED REPAIR EXAMPLE LOGS

NAME	LEVEL	EVENT ATTRIBUTE KEYS (IF BOLD THEN GLOBAL)
LevelA1	A1	<b>concept:name</b>
LevelA2	A2	Classifier ( <b>concept:name</b> AND <b>lifecycle:transition</b> )
LevelB1	B1	<b>concept:name,</b> <b>lifecycle:transition,</b> <b>time:timestamp</b>
LevelB2	B2	Classifier ( <b>concept:name</b> AND <b>lifecycle:transition</b> ), <b>time:timestamp</b>
LevelC1	C1	<b>concept:name,</b> <b>org:resource</b>
LevelC2	C2	Classifier ( <b>concept:name</b> AND <b>lifecycle:transition</b> ), <b>org:resource</b>
LevelD1	D1	<b>concept:name,</b> <b>concept:instance,</b> <b>lifecycle:transition,</b> <b>org:resource,</b> <b>org:group,</b> org:role, <b>time:timestamp</b>
LevelD2	D2	Classifier ( <b>concept:name</b> AND <b>lifecycle:transition</b> ), <b>concept:instance,</b> <b>org:resource,</b> <b>org:group,</b> org:role, <b>time:timestamp</b>

# IMPORT

<b>FlagX1</b>	X1	defectFixed, defectType, <b>Key 1</b> , Key 2, <b>Key 3</b> , <b>Key 4</b> , <b>Key 6</b> , phoneType, numberRepairs, {0,1,2} 2Sa!! +1 <x>, ITEMS:41, #1, o.1.1
<b>FlagX2</b>	X2	defectFixed, defectType, Classifier ( <b>Key 1</b> AND <b>Key 6</b> ), Key 2, <b>Key 3</b> , <b>Key 4</b> , phoneType, numberRepairs, {0,1,2} 2Sa!! +1 <x>, ITEMS:41, #1, o.1.1

## ATTRIBUTE TYPES AND VALUES

KEYS	TYPE	VALUES
<b>concept:instance</b> <b>Key 2</b>	string	instance 1 instance 2 instance 3 instance 4
<b>concept:name (A1 and C1 logs)</b>	string	Analyze Defect+complete Analyze Defect+start Archive Repair+complete Inform User+complete Register+complete Repair (Complex)+complete Repair (Complex)+start Repair (Simple)+complete Repair (Simple)+start Restart Repair+complete Test Repair+complete Test Repair+start
<b>concept:name (other logs)</b> <b>Key 1</b>	string	Analyze Defect Archive Repair Inform User Register Repair (Simple)

# IMPORT

		Repair (Complex) Restart Repair Test Repair
<b>lifecycle:transition</b> Key 6	string	start complete
<b>org:group</b> {0,1,2} 2Sa!! +1 <x>	string	Group - Group 1, 3, and 5 Group 2 and 4
<b>org:resource</b> Key 3	string	SolverC1 SolverC2 SolverC3 SolverS1 SolverS2 SolverS3 System Tester1 Tester2 Tester3 Tester4 Tester5 Tester6
<b>org:role</b> ITEMS:41, #1, o.1.1	string	Role 1, 2, and 3 Role 10 Role 9
<b>time:timestamp</b> Key 4	date	<i>Like</i> 1970-01-02T12:23:56.720+01:00
<b>defectFixed</b>	boolean	true false
<b>defectType</b>	int	1 10 2 3 4 5 6 7 8 9
<b>numberRepairs</b>	int	0 1 2 3
<b>phoneType</b>	String	T1 T2 T3



# IMPORT

## Level A1

TODO: Walk-through with screenshots showing that the log is imported successfully.

TODO: Walk-through with screenshots showing that the concept:name attributes contained in the log were used.

## Level A2

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the log is imported successfully.

TODO: Walk-through with screenshots showing that the classifier contained in the log was used.

## Level B1

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the log is imported successfully.

TODO: Walk-through with screenshots showing that the concept:name, lifecycle:transition, and time:timestamp attributes contained in the log were used.

## Level B2

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the log is imported successfully.

TODO: Walk-through with screenshots showing that the classifier and the time:timestamp attributes contained in the log were used.

## Level C1

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the log is imported successfully.

TODO: Walk-through with screenshots showing that the concept:name and org:resource attributes contained in the log were used.

## Level C2

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the log is imported successfully.

TODO: Walk-through with screenshots showing that the classifier and the org:resource attributes contained in the log were used.

# IMPORT

## **Level D1**

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the log is imported successfully.

TODO: Walk-through with screenshots showing that all (standard) attributes contained in the log were used.

## **Level D2**

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the log is imported successfully.

TODO: Walk-through with screenshots showing that the classifier and all (standard) attributes contained in the log were used.

## **Flag X1**

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the log is imported successfully.

TODO: Walk-through with screenshots showing that all (non-standard) attributes contained in the log were used.

## **Flag X2**

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the log is imported successfully.

TODO: Walk-through with screenshots showing that the classifier and all (non-standard) attributes contained in the log were used.

## Export

### Level A1

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the current data as stored by the tool is exported successfully to a log

TODO: Walk-through with screenshots showing that the concept:name attributes as contained in the log match the current data as stored by the tool

### Level A2

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the current data as stored by the tool is exported successfully to a log

TODO: Walk-through with screenshots showing that the classifier as contained in the log matches the current data as stored by the tool

### Level B1

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the current data as stored by the tool is exported successfully to a log

TODO: Walk-through with screenshots showing that the concept:name, lifecycle:transition, and time:timestamp attributes as contained in the log match the current data as stored by the tool

### Level B2

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the current data as stored by the tool is exported successfully to a log

TODO: Walk-through with screenshots showing that the classifier and the (lifecycle:transition and) time:timestamp attributes as contained in the log matches the current data as stored by the tool

### Level C1

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the current data as stored by the tool is exported successfully to a log

# EXPORT

TODO: Walk-through with screenshots showing that the concept:name and org:resource attributes as contained in the log match the current data as stored by the tool

## Level C2

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the current data as stored by the tool is exported successfully to a log

TODO: Walk-through with screenshots showing that the classifier and the org:resource attributes as contained in the log matches the current data as stored by the tool

## Level D1

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the current data as stored by the tool is exported successfully to a log

TODO: Walk-through with screenshots showing that all standard attributes as contained in the log match the current data as stored by the tool

## Level D2

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the current data as stored by the tool is exported successfully to a log

TODO: Walk-through with screenshots showing that the classifier and all standard attributes as contained in the log matches the current data as stored by the tool

## Flag X1

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the current data as stored by the tool is exported successfully to a log

TODO: Walk-through with screenshots showing that all (standard or non-standard) attributes as contained in the log match the current data as stored by the tool

## Flag X2

TODO: Remove section if not applicable

TODO: Walk-through with screenshots showing that the current data as stored by the tool is exported successfully to a log

# EXPORT

TODO: Walk-through with screenshots showing that the classifier and all (standard or non-standard) attributes as contained in the log matches the current data as stored by the tool

# CONTACT INFORMATION

## Contact Information

WIL VAN DER AALST  
CHAIR



Tel +31 40 247 4295  
w.m.p.v.d.aalst@tue.nl

CHRISTIAN GÜNTHER  
VICE-CHAIR



Tel +31 64 1780680  
christian@fluxicon.com

ERIC VERBEEK  
SECRETARY



Tel +31 40 247 3755  
h.m.w.verbeek@tue.nl

IEEE XES Working Group  
IEEE Task Force on Process Mining  
<http://www.win.tue.nl/ieeetfpm>

