

XES Certification for  
TODO: Tool

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# 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

## Authors

TODO: Authors of the report

## Date

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

## History

Changes

|  |  |  |
| --- | --- | --- |
| Author(s) | Date | Description |
| TODO: Author(s) of change | TODO: Date of change (DD/MM/YYYY) | TODO: Description of change |

# Import

## Real-life logs

|  |  |  |
| --- | --- | --- |
|  |  |  |

Sanitized BPIC logs

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Traces | Events | Size in KB |
| BPIC12 | 13,087 | 262,200 | 72,363 |
| BPIC13\_closed\_problems | 1,487 | 6,660 | 4,090 |
| BPIC13\_incidents | 7,554 | 65,533 | 38,627 |
| BPIC13\_open\_problems | 819 | 2,351 | 1,370 |
| BPIC15\_1 | 1,199 | 52,217 | 40,261 |
| BPIC15\_2 | 832 | 44,354 | 33,616 |
| BPIC15\_3 | 1,409 | 59,681 | 45,673 |
| BPIC15\_4 | 1,053 | 47,293 | 36,131 |
| BPIC15\_5 | 1,156 | 59,083 | 44,961 |
| BPIC17 – Offer log | 42,995 | 193,849 | 107,557 |
| BPIC17 | 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.

### 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 RepairExample logs

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Level | Event attribute KEys (if bold then global) | |
| LevelA1 | A1 | **concept:name** | |
| LevelA2 | A2 | Classifier (**concept:name** AND **lifecycle:transition**) | |
| LevelB1 | B1 | **concept:name**,  **lifecycle:transition**,  **time:timestamp** | |
| LevelB2 | B2 | Classifier (**concept:name** AND **lifecycle:transition**),  **time:timestamp** | |
| LevelC1 | C1 | **concept:name**,  **org:resource** | |
| LevelC2 | C2 | Classifier (**concept:name** AND **lifecycle:transition**),  **org:resource** | |
| LevelD1 | D1 | **concept:name**,  **concept:instance**,  **lifecycle:transition**,  **org:resource**,  **org:group**,  org:role,  **time:timestamp** | |
| LevelD2 | D2 | Classifier (**concept:name** AND **lifecycle:transition**),  **concept:instance**,  **org:resource**,  **org:group**,  org:role,  **time:timestamp** | |
| FlagX1 | X1 | defectFixed, defectType, **Key 1**,  Key 2,  **Key 3**,  **Key 4**,  **Key 6**,  phoneType, numberRepairs, **{0,1,2} 2Sa!! +1 <x>**,  ITEMS:41, #1, o.1.1 | |
| FlagX2 | X2 | defectFixed, defectType, Classifier (**Key 1** AND **Key 6**), Key 2, **Key 3**, **Key 4**, phoneType, numberRepairs, **{0,1,2} 2Sa!! +1 <x>**,  ITEMS:41, #1, o.1.1 | |
|  |  |  |  |

Attribute Types and values

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Keys | Type | Values | | |
| concept:instance Key 2 | string | instance 1 instance 2 instance 3 instance 4 | | |
| concept:name (A1 and C1 logs) | 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 | | |
| concept:name (other logs) Key 1 | string | Analyze Defect Archive Repair  Inform User Register Repair (Simple) Repair (Complex) Restart Repair Test Repair | | |
| lifecycle:transition Key 6 | string | start complete | | |
| org:group {0,1,2} 2Sa!! +1 <x> | string | Group - Group 1, 3, and 5 Group 2 and 4 | | |
| org:resource Key 3 | string | SolverC1 SolverC2 SolverC3 SolverS1 SolverS2 SolverS3 System Tester1 Tester2 Tester3 Tester4 Tester5 Tester6 | | |
| org:role ITEMS:41, #1, o.1.1 | string | Role 1, 2, and 3 Role 10 Role 9 | | |
| time:timestamp Key 4 | date | *Like* 1970-01-02T12:23:56.720+01:00 | | |
| defectFixed | boolean | true false | | |
| defectType | int | 1 10 2 3 4 5 6 7 8 9 | | |
| numberRepairs | int | 0 1 2 3 | | |
| phoneType | String | T1 T2 T3 | | |
|  |  |  |  |  |

### 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.

### 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

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

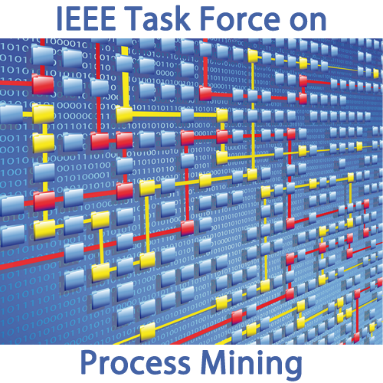
TODO: Remove section if not applicable

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
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IEEE XES Working Group

IEEE Task Force on Process Mining

http://www.win.tue.nl/ieeetfpm