

1 Subj: JMP proposal to register mediumTypeConsumed and mediumSizeConsumed
2 From: Tom Hastings
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6 Status: APPROVED, Wednesday, April 29, 1998: No comments were received during the Last Call. This
7 proposal was reviewed at the PWG meeting, on Friday, April 10, 1998. It was agreed to send it out for a
8 two-week WG Last Call. Any comments are due by Monday, April 27, 1998.

9 Problem: The Job Monitoring MIB V1.0 does not have a way for an accounting program to charge for
10 media type or media size consumed. The current mediumConsumed in the name of the medium, which
11 may or may not be known to the accounting program.

12 Suggested Solution: This proposal to register two new accounting attributes to be used with the approved
13 PWG Job Monitoring MIB standard. These new attributes count media by medium type name and medium
14 size name. The current PWG Job Monitoring MIB specifications for "mediumRequested" (medium type
15 enum, medium name and medium size name) and mediumConsumed" (medium name) are:

16

17 mediumRequested(170), JmMediumTypeTC
18 AND/OR
19 JmJobStringTC (SIZE(0..63))

20 INTEGER: MULTI-ROW: The type
21 AND/OR

22 OCTETS: MULTI-ROW: the name of the medium that is
23 required by the job.

24

25 NOTE - The name (JmJobStringTC) values correspond to the
26 prtInputMediaName object in the Printer MIB [print-mib] and
27 the values of the IPP 'media' attribute.

28

29 mediumConsumed(171), Integer32 (-2..2147483647)
30 AND
31 JmJobStringTC (SIZE(0..63))

32 INTEGER: MULTI-ROW: The number of sheets
33 AND

34 OCTETS: MULTI-ROW: the name of the medium that has been
35 consumed so far whether those sheets have been processed on
36 one side or on both.

37

38 This attribute SHALL have both Integer32 and OCTET STRING
39 (represented as JmJobStringTC) values.

40

41 NOTE - The name (JmJobStringTC) values correspond to the
42 name values of the prtInputMediaName object in the Printer
43 MIB [print-mib].

44 Suggested text for the registration of the mediumTypeConsumed and mediumSizeConsumed attributes:

45 mediumTypeConsumed(174), Integer32 (-2..2147483647)

46 AND

47 JmJobStringTC (SIZE(0..63))

48 INTEGER: MULTI-ROW: The number of sheets of the indicated

49 medium type that has been consumed so far whether those

50 sheets have been processed on one side or on both

51 AND

52 OCTETS: MULTI-ROW: the name of that medium type.

53

54 This attribute SHALL have both Integer32 and OCTET STRING

55 (represented as JmJobStringTC) values.

56

57 NOTE - The type name (JmJobStringTC) values correspond to

58 the type name values of the prtInputMediaType object in the

59 Printer MIB [print-mib]. Values are: 'stationery',

60 'transparency', 'envelope', etc. These medium type names

61 correspond to the enum values of JmMediumTypeTC used in the

62 mediumRequested attribute.

63

64 mediumSizeConsumed(175), Integer32 (-2..2147483647)

65 AND

66 JmJobStringTC (SIZE(0..63))

67 INTEGER: MULTI-ROW: The number of sheets of the indicated

68 medium size that has been consumed so far whether those

69 sheets have been processed on one side or on both

70 AND

71 OCTETS: MULTI-ROW: the name of that medium size.

72

73 This attribute SHALL have both Integer32 and OCTET STRING

74 (represented as JmJobStringTC) values.

75

76 NOTE - The size name (JmJobStringTC) values correspond to

77 the size name values in the Printer MIB [print-mib]

78 Appendix B. Values are: 'letter', 'a', 'iso-a4', 'jis-

79 b4', etc.

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