

DSN / MDN MEDIA FEATURE EXTENSIONS

These extensions define a method for an Internet Mail or Internet Fax recipient to indicate media features supported. This method is defined for use with either Delivery Status Notifications (DSN) or Message Disposition Notifications (MDN). Defined in RFC 2530. See also RFCs 2533, 2534, 2738, and 2879.

MEDIA FEATURE TAGS:

pix-x = *signed-integer* Defines the horizontal display size in pixels.

pix-y = *signed-integer* Defines the vertical display size in pixels.

dpi = *value* Indicates the resolution the recipient can display or print without a loss, measured in pixels per inch. A rational *value* can be used to express a resolution in SI units.

ua-media = *token* Defines the recipient's device media. Valid tokens include:

screen The media is a refreshable display.

screen-paged The media is a refreshable display that cannot scroll.

stationary The media is cut sheets of an opaque material.

transparency The media is cut sheets of a transparent material.

envelopes The media is envelopes used for conventional mailing purposes.

envelope-plain The media is envelopes that are not preprinted and without windows.

continuous The media is continuous forms of an opaque material.

paper-size = *token* Defines the size of the form used. Valid tokens include:

letter 8.5 x 11 inches.

a4 210 x 297 mm.

b4 250 x 353 mm.

a3 297 x 420 mm.

legal 8.5 x 14 inches.

color = *token* Defines the capability for color and greyscale. Valid tokens include:

binary Black and white or an other bi-level capability.

grey More than two levels of intensity. May indicate continuous tone greyscale capability.

limited A small number of colors are available. Implies at least one color other than black.

mapped Color values sufficient to represent a continuous tone image are mapped to a limited multi-component color space.

full A full color image can be represented.

size-x = *value* Defines the horizontal size, in inches, of the rendered document. For millimeter sizes, *value* may be a rational of *size-mm* / 254.

size-y = *value* Defines the vertical size, in inches, of the rendered document. For millimeter sizes, *value* may be a rational of *size-mm* / 254.

dpi-xratio = *rational* Indicates the horizontal divided by the vertical resolution.

color-levels = *value* Defines the number of color levels.

color-space = *token* Used with **color** = **mapped** and **color** = **full** to define the color space. Valid tokens include: **Device-RGB**, **Device-CMY**, **Device-CMYK**, and **CIELAB**

CIELAB-L-depth = *value* The number of different values possible for the L* component.

CIELAB-a-depth = *value* The number of different values possible for the a* component.

CIELAB-b-depth = *value* The number of different values possible for the b* component.

CIELAB-L-min = value Indicates the minimum L* color component value that is used or may be rendered (a color gamut). A gamut may be indicated in the CIELAB color space even when the colors are represented in another space.

CIELAB-L-max = value Indicates the maximum L* color component.

CIELAB-a-min = value Indicates the minimum a* color component.

CIELAB-a-max = value Indicates the maximum a* color component.

CIELAB-b-min = value Indicates the minimum b* color component.

CIELAB-b-max = value Indicates the maximum b* color component.

image-file-structure = token Defines how the coded image data is wrapped and formatted. Valid tokens include: **TIFF-S**, **TIFF-F**, **TIFF-J**, **TIFF-C**, **TIFF-L**, and **TIFF-M**

image-coding = token Defines how the raw image data is compressed and coded as a series of bits. Valid tokens include:

MH Modified Huffman.

MR Modified READ.

MMR Modified Modified READ.

JBIG Japan Bi-level Imaging Group.

JPEG Joint Photographic Experts Group.

image-coding-constraint = token Defines how the raw image data coding method is constrained to meet a particular operating environment. Valid tokens include: **JBIG-T85**, **JBIG-T43**, and **JPEG-T4E**

JBIG-stripe-size = value Indicates the number of scan lines in each stripe of an image, except for the last stripe.

image-interleave = token Defines the image interleave method. Valid tokens include: **stripe** and **plane**

color-subsampling = token Valid tokens include:

1:1:1 Indicates no color subsampling exists.

4:1:1 Indicates 4:1:1 color subsampling.

MRC-mode = value Indicates the availability of MRC (Mixed Raster Content) image format capability as well as the MRC Mode number that is available. A zero value indicates the mode is not available. A value of 1 through 7 defines the available MRC Mode number. Odd numbered layers are used to present foreground and background images. Even numbered layers are used for mask layers.

MRC-max-strip-size = value Defines the maximum number of scan lines in each MRC stripe.