PLACE-IMAGE
FILTER FUNCTION BLOCKS

Initialize variables, image params array

PANDOC converting markdown document to indicated doc format, using *place*-image filter

function Meta(meta)
Intercepts Meta call
Gather list of global image parameters from Meta header

function initialize()
Initialize vars
Gather list of global image parameters into image params array

function Image(img)
- Gather list of parameters for this image.
- Prepare output code for intended format.
- Return code to Pandoc.

function getCleanPar(name, value, level, overrides)
- Validate param name
- Examine param name for any doc-type constraint. If no constraint, record into table.
- If constraint indicated, record in special table used later to override.

function doctype_override(level, overrides)
- Override any parameter for which a document-specific parameter is specified

function process_param(name, val)
- Validate and process parameters for image
- Create code snippets for intended output format

function verify_entry(e, tbl)
Check entry against table of allowed values and return true if valid

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image_params

The **place-image** filter creates and maintains this table of image parameters. It includes (1) *default* (set in filter itself), (2) *global* (from markdown file Meta *imageplacement* statement), and (3) *this specific image*. Any image parameter prefaced by "html:", "pdf:", or "docx:" (for example, "pdf:width:40%") will override other parameters specified at same level.

Parameter	Default	Global	This image	Examples
width	50%	from	from	35%, 200px, 3cm, 2.5in, etc.
position	center	Meta	image	left, center, right, float-left, float-right
h_padding	0.1in	header	entry	0.15in, 4mm, 10px, etc.
v_padding	0.15in			0.12in, .3cm, 9px, etc.
cap_width	90%			100%, 250px, 1in, etc.
cap_position	above			above, below
cap_h_position	center			left, center, right
cap_text_align	center			left, center, right
cap_text_size	small			small, normal, large
cap_text_font				Helvetica, etc. (Must be in system fonts)
cap_text_style	plain			plain, italic, bold, oblique, bold-oblique
fig_cap_label				Figure, Photo, My Great Drawing, etc.
pdf_adjust_lines				5, 12, 15, etc. (pdf wrap height fudge)