Initialize variables, image params array

place-image.lua FILTER FUNCTION BLOCKS

PANDOC converting markdown document to indicated doc format, using place-*image.lua* 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)

- Intercepts Image call
- 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 documentspecific parameter is specified function verify_entry(e, tbl)

Check entry against table of allowed values and return true if valid

image_params table

The **place-image** filter creates and maintains this table of image parameters. It includes (1) *default* values (set in filter itself), (2) *global* values specified by user (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.

<u>Parameter</u>	Default	Global	This image	Parameter <u>Examples</u>
width	50%	(from image-	(params	35%, 200px, 3cm, 2.5in, etc.
position	center	placement	from	left, center, right, float-left, float-right
h_padding	0.1in	parameters	markdown	0.15in, 4mm, 10px, etc.
v_padding	0.15in	statement	image	0.12in, .3cm, 9px, etc.
cap_width	90%	in Meta	entry, e.g.,	100%, 250px, 1in, etc.
cap_position	above	header)	![cap](img)	above, below
cap_h_position	center		{params}	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
fcap_label				Figure, Photo, My Great Drawing, etc.
cap_label_style	plain			plain, italic, bold, oblique, bold-oblique
cap_label_sep	" <u> " </u>			":_", "", Use "_" to represent space
pdf_adjust_lines				5, 12, 15, etc. (pdf wrap height fudge)