

Derived Datasets

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would modify your pathname.

Use \$DESIGN variable. This will get you to the location of the open design, the folder where the .dsn file exists if in schematic, or the .brd file if in layout. No matter if the design is just somewhere on the operating system, or in the staging directory.

So my pathname would be: \$DESIGN/idf/*

This will be a much more flexible format to use for your derived data configurations.

Other hints would be:

- ** will zip recursively, getting subfolders
 - For example: \$DESIGN/obbbp/**
- You cannot just use * for non zip datasets.
 - For example, a pdf dataset would need something like: \$DESIGN/drawing/sch*.pdf
 - It also must resolve to a single pdf file
- Normally customers have a folder for their output type files, then subfolders underneath
 - For example:
 - sch/Output/dwg/
 - pcb/Output/odbpp/
 - pcb/Output/dwg/
 - pcb/Output/gerber/

You will also need to set the Teamcenter preference EDA_DerivedDataConfigDefault to the name of your derived data config.

For example my EDA_DerivedDataConfigDefault = EDA4CombinedDerivedData

You need the bmid prefix and the derived data config name.

For example, I pasted a config below. I have everything as context = all, but this is not necessary, you can restrict the context to sch or pcb as desired, this just worked for me with multiple tools.

Notice differences if using variants, parented to CCABase or Variant items, but SCH and PWB stay the same.

Thank you,
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Name	Context	Prefix	Postfix	EDA Parent	Relation	Dataset Business Object	Dataset Reference	Pathname
EDA4CombinedDerivedData								
Schematic_Drawing	all		_schematic_drawing	Schematic	EDAHasDerivedDataset	PDF	PDF_Reference	\$DESIGN\Output\sch_*.pdf
Layout_Drawing	all		_layout_drawing	CCA	EDAHasDerivedDataset	PDF	PDF_Reference	\$DESIGN\Output\pcb_*.pdf
Layout_DWG	all		_layout_drawing	CCAVariant	EDAHasDerivedDataset	PDF	PDF_Reference	\$DESIGN\Output\\${VARIANT}\pcb_*.pdf
Board_Drawing	all		_board_drawing	PWB	EDAHasDerivedDataset	PDF	PDF_Reference	\$DESIGN\Output\brd_*.pdf
Gerber	all		_gerber	CCA	EDAHasDerivedDataset	Zip	ZIPFILE	\$DESIGN\Output\gerber**
Gerber_Files	all		_gerber	CCABase	EDAHasDerivedDataset	Zip	ZIPFILE	\$DESIGN\Output\gerber**
Manufacturing_Drawing	all		_manuf_drawing	CCA	EDAHasDerivedDataset	PDF	PDF_Reference	\$DESIGN\Output\manuf_*.pdf
Manufacturing_DWG	all		_manuf_drawing	CCABase	EDAHasDerivedDataset	PDF	PDF_Reference	\$DESIGN\Output\manuf_*.pdf
ODBpp	all		_odbpp	CCA	EDAHasDerivedDataset	Zip	ZIPFILE	\$DESIGN\Output\odbpp\odbpp.zip
ODBpp_Files	all		_odbpp	CCABase	EDAHasDerivedDataset	Zip	ZIPFILE	\$DESIGN\Output\odbpp\odbpp.zip

Configure Dataset:

Name	Cont..	Prefix	Post..	Datas..	Pathname	EDA
idf	pcb		_idf	ZIPFILE	\$STAGE/latest/\$ITEMID/idf/*	CCA
asm	pcb		_asm	ZIPFILE	\$STAGE/latest/\$ITEMID/asm/*	CCA
fab	pcb		_fab	ZIPFILE	\$STAGE/latest/\$ITEMID/fab/*	PWE

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