

IBM Datacap: Smart Parameters Cheat Sheet

Use this cheat sheet to incorporate smart features into your IBM Datacap solution.

<u>PATHS</u>	-----	<u>BATCH JOB & TASK INFO</u>	-----
Batches directory	@APPPATH(runtime)	Job name	@JOBID
Current batch directory	@APPPATH(runtime) + @STRING(\) + @BATCHID, @PILOT(BATCHDIR)	Task name	@TASKID
Rules directory	@APPPATH(application_name/rules)	Operator	@OPERATOR
ImageFix directory	@APPPATH(application_name/imagefix)	Station	@STATION
Fingerprint directory	@APPPATH(fingerprint)	Job description	@JOBNAME
Process directory	@PROCESSDIR	Task description	@TASKNAME
Export directory	@APPPATH(export)	STATION, CHILDRENQUANTITY, PRIORITY, PAGES IN BATCH, DOCSINBATCH, EXPECTED PAGES, ADJUSTED PAGES, EADJUSTED DOCS, JOBNAME, DCOFILE, JOBID, TASKID, PRIORITY	@PILOT(PROPERTY_NAME_HERE)
Application directory	@APPPATH(application_name)	<u>CONNECTION STRINGS</u>	-----
Vscan directory	@APPPATH(vscanimagedir)	Engine database	APPVAR((tmengine:cs)
Current task's setup config file	@PROCESSDIR + @STRING(\) + @PROJECTDIR	Admin database	APPVAR(tmadmin:cs)
Current task's runtime dco file	@PILOT(DCOFILE)	Export database	APPVAR(tmexport:cs)
<u>DCO PROPERTIES</u>	-----	<u>CUSTOM CONNECTION STRINGS</u>	-----
Object variable	@Pvariable_name	Custom database "my_db"	@APPVAR(values/dsn/my_db:cs
Object dco child	@P\child_name	Custom Datacap database "my_dc_db"	@APPVAR(values/tmdsn/my_dc_db:cs
Current object	@X	<u>CUSTOM ADVANCED VALUES</u>	-----
Batch object	@B	Get advanced value adv_val	@APPVAR(values/adv/adv_val
Document	@D	<u>CUSTOM GENERAL VALUES</u>	-----
Page	@P	Get general value gen_val	@APPVAR(values/adv/gen_val
Field	@F	<u>LITERALS</u>	-----
Current field's text value	@F, @F.Text, @VALUE, @VAR(Text),@X.Text	The string "Hello"	@STRING(Hello) (additional formats available)
Sibling field's text value	@P\sibling_name.Text	Current configured locale	@LOCALE (additional formats available)
Field's child field's text value	@F\child_field_name.Text	Get current time in HH:MM:SS	@TIME() (additional formats available)

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LITERALS CONTINUED

Get current date MM/DD/YYYY	@DATE()
Get current time in HH:MM:SS **	@TIME()
Get current date MM/DD/YYYY **	@DATE()
Unicode character 38	@CHR(38)
XML text of current task's runtime dco**	@DCO(XML)

** = Additional formats supported (see official documentation)

TIPS & TRICKS

1. Smart parameters can be concatenated using the + character
2. When concatenating, ensure that there are no spaces before or after the +
3. Smart parameters are case sensitive
4. Accessing objects by index is not supported
5. Not all actions support smart parameters (see action documentation)
6. To determine the correct smart parameter to use to access special values in Application Manager's Custom Values tab, hover the mouse over the applicable values in the UI
7. Children fields of "lineitems" fields must be accessed from the parent line item field, otherwise the smart parameters look for the fields of the first line item regardless of the presence of multiple line items

ADVANTAGES OF USING SMART PARAMS

- Makes application more configurable
- Makes it easier to migrate applications to other environments

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