

**SAS® Drug Development
Macros Build 102
Release Notes**

The SAS® Drug Development (SDD) macros are only available for SDD version 3.5 and 3.5_0X. Most of the information you'll need to take advantage of the macros can be found in the User Reference documentation. However, there are a few things to take note of, all of which are included in the table below.

Reference #	Title	Description
331	Allow zip files to be referenced by an SDD macro and uncompressed during transfer	The macro %sasdrugdev_createsddfilesfromzip() will now read a zip file and create new entries in SDD based on the contents of the zip file. The new objects can be placed into a single directory in SDD or the relative folder structure specified in the zip file can be used as the basis for replicating the folders and their contents in SDD.
1465	The created and lastModified dates are garbled when using the %sasdrugdev_getusers() macro on a DBCS system that is configured for SJIS encoding	The problem has been addressed and the macro now returns the dates properly formatted on all configurations, including a SJIS encoded system.

Interim releases of the SDD remote API are cumulative, so if this is the first time you are installing it, the release also contains the fixes shown below.

Reference #	Title	Description
330	sasdrugdev_updatesddfile needs to handle versioning correctly	The macro %sasdrugdev_updatesddfile() will now update either a versioned file or a non-versioned file. If a file is versioned, a new version will be created. If it is not, the existing file will be replaced.
347	Create new SDD macro to surface the version/build number of the macros	A new macro %sasdrugdev_getsddrapiversion() has been created. This macro prints the version number for the SDD Remote API Server, the Remote API Client, and the SDD Macros in the SAS log
339	obtain the versioning-status of an object (folder or file) through the SDD Macros	A new macro %sasdrugdev_isversioned() has been created. This macro Returns a SAS macro variable <code>_SDDISVERSIONED_</code> that contains a value of 1 when the specified file has versioning enabled and a 0 if it does not. If the SDDPATH parameter represents a

Reference #	Title	Description
		container, the SAS macro variable <code>_SDDISVERSIONED_</code> will contain a value of 1 when the specified container has versioning enabled by default and a 0 if it does not.
72	Implement functionality of CF cmd: <code>swd_versionlist()</code>	A new macro, <code>%sasdrudev_getversions()</code> is provided to obtain a list of all the version numbers of an object. In addition, the macro <code>sasdrugdev_getfileprops()</code> has been modified to accept a <code>VERNUM=</code> parameter to specify a specific version to obtain the properties for.
82	Implement functionality of CF cmd: <code>TurnVersioningOn</code> in SDD Macros	A new macro, <code>%sasdrugdev_setfileversioning()</code> is provided to allow versioning to be turned on for an object
100	Implement API functionality in SDD Macros: <code>ManageOwner</code>	Two new macros, <code>%sasdrugdev_setfileowner()</code> and <code>%sasdrugdev_setcontainerowner()</code> have been provided to allow the owner of an object or container to be set.
328	<code>SASDRUGDEV_SETCONTAINERPERMS</code> not working	The macro <code>%sasdrugdev_setcontainerperms()</code> was incorrectly requiring a user have the policy "User Can Manage Users" in order to set permissions on the container. This requirement has been removed.
279	<code>SASDRUGDEV_GETUSERS</code> returns an incorrect date field	The macro <code>%sasdrugdev_getusers</code> was incorrectly returning the value of the creation date in place of the modified date for all users.
282	The <code>JReview</code> policy was not supported in the <code>%sasdrugdev_getsuerwithpolicy()</code> macro	The macro <code>%sasdrugdev_getuserwithpolicy()</code> was modified to support the <code>JReview</code> policy.
283	<code>sasdrugdev_GetUsersWithPolicy</code> is not returning all users correctly	The <code>%sasdrugdev_getuserswithpolicy()</code> macro was not returning the correct list of users when run with the <code>DataExplorer</code> policy. This has been corrected.
316	Implement <code>SDD_CREATESSDDCONTAINER</code> into <code>SASDRUGDEV_CREATESSDDCONTAINER</code>	The macro <code>%sasdrugdev_createsddcontainer</code> will now create all intermediate levels of folders from the root to the node specified. The previous version would fail if the input path provided did not have the parent container existing in SDD. The new version will create any parent containers if they do not exist.
319	Modify <code>SASDRUGDEV_GETPERMISSIONS</code> macro recursive flag options	The macro <code>%sasdrugdev_getpermissions</code> now supports 3 values for the <code>recursivelevel</code> argument: 0= container permissions only 1= container permissions and objects within container only (not sub containers) 2= 1+ all subfolders permissions
310	Create <code>SASDRUGDEV_UPDATEUSER</code> macro	A new macro, <code>%sasdrugdev_updateuser()</code> is provided to allow for the updating of user values.

Reference #	Title	Description
311	Create SASDRUGDEV_SETCONTAINERPERMS macro	A new macro, %sasdrudev_setcontainerperms() is provided to allow for the setting of permissions on SDD containers.
312	Create SASDRUGDEV_ISCONTAINER macro	A new macro, %sasdrugdev_iscontainer() is provided to verify whether an object in SDD is a container or not.
313	Create SASDRUGDEV_GROUPEXISTS macro	A new macro, %sasdrugdev_groupexists() is provided to verify the existence of a specified group.
280	SASDRUGDEV_GETOBJECTS, makedirs is not recursive	The macro %sasdrugdev_getobjects() now supports 3 values for the recursivelevel argument: 0= container permissions only 1= container permissions and objects within container only (not sub containers) 2= 1+ all subfolders permissions
279	SASDRUGDEV_GETUSERS returns an incorrect date field	The macro %sasdrugdev_getusers was incorrectly returning the value of the creation date in place of the modified date for all users.
249	Create user does not report what user was created	The macro %sasdrugdev_createuser has been modified to print a line to the log reporting the ID of the user that was created.
302	Macro Specific Code: RAPI can't connect to a server if a final '/' is included in the URL	When using the %sasdrugdev_login() macro, the url for the SDD system to be accessed no longer requires a trailing "/" (although this format is still supported)
329	SASDRUGDEV_GETPERMISSIONS with "indication" object.	The %sasdrugdev_getpermissions() macro now correctly identifies an object of type indication as a container.
330	SASDRUGDEV_UPDATESDDFILE needs to handle versioning correctly	A new macro, %sasdrugdev_updatesddfile() has been added to allow for the updating of existing files in SDD. The macro properly handles both versioned and non-versioned objects.
340	Display the actual build number in the sasmacro VERSION.txt file instead of DEV	'The specific SDD macro build number is now displayed in the VERSION.txt file.'
NA	New Macro: SASDRUGDEV_GETPERMISSIONS	Returns a SAS data set that contains the permissions metadata for all of the objects within a container object in the SAS Drug Development repository.
NA	New Macro: SASDRUGDEV_GETOBJECTS	Returns a SAS data set that contains the metadata for all of the objects within a container object in the SAS Drug Development repository.
NA	Execute SDD Macros and the SDD Command Facility at the same time.	You may choose to run the macros and the Command Facility at the same time. However, development and technical support will only be provided for the macros. In the next minor release of SDD (3.4), the command facility will no longer be available or supported in any manner.

Reference #	Title	Description
SDD_3055	Comma will cause problems in the SDD Macros.	If you have a comma (,) in file and folder names, the SAS Macros will not work. Please review your file and folder names to ensure they do not contain a comma.
NA	New JRE for build 60.	If you install this version of the Remote API or the SDD Macros, and are running SDD 3.4, you need to upgrade your client JRE to 1.5.0*.