Release Notes

uniFLOW sysHUB 2022.2

About this document

This document contains the release notes for the latest uniFLOW sysHUB release, giving you an overview of all changes and additions made available with this release:

-

ITS-No

For each of the release notes, the column *ITS-No* contains a specific ITS issue number. When referring to a release note, please always include the relevant number shown in the column *ITS-No*. The release notes are listed according to the issue type.

1   uniFLOW sysHUB 2022.2 - Release Notes

This chapter provides you with an overview of all changes and additions made available with the latest uniFLOW sysHUB release. The release notes are ordered according to the issue type.

ITS-No	Issue Type	Component	Summary	Release Note
COSDEV-5630	New Feature	Processes	Modify control file commands for process LPR	Added additional commands in a list type of the process parameters. Changed host to the sender host instead of the receiver host. It is defined so in RFC 1179.
COSDEV-5584	New Feature	cElement, Processes	LoadParameterSet to send curly brackets like {hello} as {hello}	LoadParameterSet process has new resolve parameter, to be able to switch off variable resolution.
COSDEV-5485	New Feature	Processes	New SFTP with a parameter for speed limit	The SFTP processes SFTPPutTree, SFTPPutFile and SFTPGetFile now provide the parameter 'maxSpeed' to limit the throughput of the data transfer.
COSDEV-5346	New Feature	Misc	Windows PowerShell for sysHUB	New Process library with 3 new processes to allow calling Windows PowerShell snippets in a background PowerShell from sysHUB Workflows.
COSDEV-5192	New Feature	Processes	Control of job processors in combination with load balancer resources	Job-Processor accepts a new setting to apply addition filter arguments to get the next processing job depending on the workload of a Load-Balancer Group.
COSDEV-1318	New Feature	Processes	Support of most common compression formats	Added the two processes CreateGZIPFile and ExtractGZIPFile to support the gzip compression format and two processes ArchiveCreate and ArchiveExtract to support the archive

ITS-No	Issue Type	Component	Summary	Release Note
				formats 7z, jar, tar and zip.
COSDEV-5723	Improvement	Processes	Process CreateJob: add parameter for final job status	Added status parameter to CreateJob. If present, the Job status will be updated on process end to the value of the status parameter.
COSDEV-5716	Improvement	Processes	Decision IsObjectInDictionary: extended to check deeper object path	The Decision IsObjectInDictionary allows now also object paths as a parameter to be checked like 'loopobject[0].file.name'.
COSDEV-5598	Improvement	Processes	Processes JSONPath: newElement with maps	The JSONAdd, JSONPut, and JSONSet processes allow the new values to be specified by value or by reference in the runtime dictionary.
COSDEV-5579	Improvement	cElement	Change the sleep timer functionality in uniFLOW cElement	The cElement now waits n times for one second until the submitted files are removed by the uniFLOW server.
COSDEV-5576	Improvement	Misc, Native Client	The sorting order of tracked files has changed	The file status table sorting order is now the same as before 2022 (id=desc).
COSDEV-5563	Improvement	Processes	Support transitional phase when moving to modulo based jobdir	Fallback settings are available to allow access to existing directories even after changing the jobs directory(s).
COSDEV-5551	Improvement	CustomerProject, Processes	Import PPK presenting an error in special circumstances and removing changes is not possible	Import package with the option checkNames enabled checking values inside a query.
COSDEV-5539	Improvement	Processes	Function 'td': shift any date	The function 'td' has been extended. An arbitrary time can now be set. Furthermore, the time units by which the time is shifted have been extended by the values Y:year, MO:month, W:week and N: nanoseconds.
COSDEV-5497	Improvement	Misc, Processes	New math function for more complex calculations	A new process and function is implemented to perform complex mathematical calculations.

ITS-No	Issue Type	Component	Summary	Release Note
COSDEV-5250	Improvement	Processes	ReadTextFile should not add an extra CR+LF	The ReadTextFile process now only adds a line separator after the last line if a CR/LF is present in the source file.
COSDEV-5608	Epic	Adapter	IPP Adapter: additional IPP printing attributes MediaCol, MediaSource, OutputBin and Orientation	Added new ipp parameters to IPPSubmit and IPPDirectPrint for Media selection (mediaCol parameter), outputBin, mediaSource and orientation. Printing from a specific Media Source (Input Bin) can be done either via mediaCol or via the mediaSource parameter which create a Media Collection structure internally.
COSDEV-5533	Epic	Adapter, Processes	Separation Instruction File (SIF)	Added original Océ© SIF functionality and a sysHUB Process SIFRecognize to execute original SIF files on data. ART functionality can be replaced via ARTRecognize and YAMLReadFile to set up ART tables via external files.
COSDEV-5532	Epic	Adapter	IPP Adapter: Queue persistence	The input queue of each IPP device will be saved and restored accordingly.
COSDEV-5483	Epic	Web-Client	WebClient: provide PrinterDialog	Added sample Print Dialog as a package (OUTPUT_Print_Dialog*.ppk).
COSDEV-5193	Epic	Processes	Distribution of job directories to bypass 4TB hard disk size limit	Allow distribution of job data to different root folders using the modulo function.
COSDEV-4611	Epic	Adapter	PDF submission to uniFLOW Online via Windows PowerShell Cmdlet	New process library to connect to a uniFLOW Online Tenant and print a PDF file to a users queue by using the PowerShell Cmdlets.
COSDEV-2478	Epic	SAP	SAP Partneredge	sysHUB has been recertified with SAP S/4H 2021 version. In combination with the SAP Input Channel and the new ABAP Business AddOn (PrintKey), it

ITS-No	Issue Type	Component	Summary	Release Note
				supports secured RFC (SNC) and HTTPS communication.
COSDEV-5741	Task	Processes	Need a simple Decision to check if the file starts with '%PDF-' or something else	New Decision 'FileStartsWith' available to check if a file starts with a specific string like '%PDF-' for a PDF file.
COSDEV-5731	Task	Adapter	WF_03: Workflow Printer Target	Added 'virtual' Workflow-Device by using a device address of 'wf://<workflow-uuid'. Output batching is based on the configured threshold and data is provided in the looparray.
COSDEV-5711	Sub-Task	Processes	New PDF process to check compatibility	New process PDFValidate to check the PDF level of a PDF input file.
COSDEV-5442	Security		#SH-21 - [WebClient] Complete service crash via PDF WorkFlow Fuzzing	Some terrible PDF test files crashed the PDLConvert process. The dependent conversion library was updated to a newer version.
COSDEV-3969	Security		Security: LDAP cache files easy to read	If save of LDAP user data is enabled, search result is cached in local memory only.
COSDEV-5735	Fixed issue (QA)	Server	Meaningless error messages in syslog caused by the encryption change	The stack trace of decryption warnings can now enable in debug modus.
COSDEV-5553	Fixed issue (QA)	Web-Client	Web-Client : SMTP Input channel , port 0 is not valid port should be removed from placeholder	Placeholder text has been updated, and only numbers can be entered for property Port.
COSDEV-5552	Fixed issue (QA)	Web-Client	Web-Client: SMTP/TCP Input channel , labels should be corrected from Hotfolder to SMTP/TCP	The Overview tab now shows the correct description of the channels.
COSDEV-5526	Fixed issue (QA)	Web-Client	Web-Client: Rename of file in jobfolder causing issue	Issue fixed that renaming of a file fails.
COSDEV-5505	Fixed issue (QA)		SMTP Queue created with "secured connection" fails .	Secure SMTP => SMTPS possibility for sendMail and sendMimeMail process. They have the possibility to use the bean name

ITS-No	Issue Type	Component	Summary	Release Note
				mailSenderSMTPS of the JavaMailSender. Default is still 'mailSender' bean,
COSDEV-5456	Fixed issue (QA)	Input Channels, Web-Client	Web-Client : SFTP Input channel ,Null pointer exception throws in server for missing overview parameter "Passphrase"	Update of globalPassphrase added
COSDEV-5435	Fixed issue (QA)	Web-Client	Web-Client Export-Package : Package Store Global Expand button is not expanding the packagestore completely when there are multiple pakages are there	Fixed an error with the button "Expand first level".
COSDEV-5429	Fixed issue (QA)	Web-Client	Export package: WebClient user is facing issues during export packages	We fixed an issue that the Export Package view hangs after exporting a ppk file.
COSDEV-5370	Fixed issue (QA)	REST-API	REST-API: duplicated jobid in webapi/v3/jobs/{id}/filestatus	Issue fixed. Only the one property jobId is present in Swagger or any REST call. Some Rest calls are incompatible with former versions now! So a call that has been originally automatically created in your ide based on swagger provided metadata now might suddenly fail with an undocumented status 400 when still making use of "jobid".
COSDEV-5344	Fixed issue (QA)	Native Client, Web-Client	Web-Client : "Check names" and replace are not working as expected when the import package has more than one config items.	Import of packages, now also checking config values if "Name Check" is activated
COSDEV-5324	Fixed issue (QA)	REST-API, Web-Client	REST-API: POST webapi/v3/syslogs allows false loglevel in the parameter	Only configured log levels can be used e.g. ERROR, INFO, FATAL, DEBUG and WARN.
COSDEV-4927	Fixed issue (QA)	Web-Client	Web-Client: Deleting multientries from expertconfig view is not getting refreshed	Fixed an error that some of the deleted entries were still visible.

ITS-No	Issue Type	Component	Summary	Release Note
COSDEV-4658	Fixed issue (QA)	Setup	sysHUB installer fails on a property file creation usage	The installer supports also properties as an automation process.
COSDEV-4597	Fixed issue (QA)	REST-API	REST-API: Call to /cosmos-webapi/v3/server/list/information broken	SWAGGER Description for API-Call list/information modified. No open access possible.
COSDEV-4444	Fixed issue (QA)	REST-API	REST-API: schema generation problems	We added basic authentication to Swagger and removed XML-Support in the accept header. Was added more information to the method description regarding exceptions and the modified index.html with more information regarding tests.
COSDEV-5689	Change	Adapter, Native Client, Web-Client	IPP-Adapter: Field address should have default value and should be mandatory	The field address now has a default value and is mandatory in the configuration forms. Also, the Adapter performs a check at starttime.
COSDEV-5546	Change	Processes	Process: JobStatusTimed relies on user language	The date format used in the JobStatusTimed process expects the short month to be used in English, i.e. Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, and Dec.
COSDEV-4931	Change	Processes	Change HTTPSendMultiPartFile to reduce suppressing some information	The parameter MPResult in the out-dictionary contains a meaningful message in any case.
COSDEV-4885	Change	Setup	Installer: Change name to license.dat automatically	The installer will rename any selected license file to license.dat.
COSDEV-4867	Change		License module can be extended to check all host-ids on the system	The startup parameter 'license.useAnyHostID=true' is added to sysHUBServer.conf but commented out with #.
COSDEV-5810	Fixed issue	Web-Client	Web-Client: Workflow selection dialog does not scroll to selected entry	The dialog "Select Workflow" scrolls now to a selected Workflow.
COSDEV-5804	Fixed issue	Web-Client	WebClient: MessageToUIClient with InputText - Apply button does not work	Fixed an issue with the Apply button.

ITS-No	Issue Type	Component	Summary	Release Note
COSDEV-5797	Fixed issue		IPP Adapter: handle protocol errors from an IPP Device	Corrupt URI data from devices will be caught and does not break the communication with the device anymore.
COSDEV-5767	Fixed issue	Native Client	Native Client: view for FST entries disorded and doubled	Sort-Order of file status table in native client can be updated to ascending/descending order via server.properties.
COSDEV-5766	Fixed issue	Web-Client	Web-Client: Snapshot view paging for Jobs, Attributes and File Status entries is broken	Fixed some wrongly displayed results if you do paging in the view.
COSDEV-5756	Fixed issue	Processes	Process "LDAPDeleteLocalUsers" throws error	The Process no longer throws an error and deletes or deactivates only a local sysHUB user if he no longer exists in LDAP.
COSDEV-5729	Fixed issue	Processes	Process SetConfigValue: just updates the cache, but not the database	When using the process SetConfigValue, configuration values are persisted even with activated cache profile 'Config and ParameterSet Cache Profile.'
COSDEV-5722	Fixed issue	Processes	Saxon-HE 10.5 misses functions of Saxon 9.1, which may prevents update to sysHUB v2022	Some stylesheet modifications must be done to work with if using database access via a stylesheet. The old process com.oce.xslfoProcessor.XSLTransformer should not be used anymore, use therefore the com.oce.xml.procs.XSLTransformer. Please note: This process needs license XML-Packages.
COSDEV-5714	Fixed issue	Setup	DLL file for integrated authentication for SQL-Server is delivered by mistake	The DLL file is no more present in folder ext.
COSDEV-5657	Fixed issue	REST-API	Rest-API: Missing job attributes when receiving jobs	Added the request parameters HTTP_METHOD, HTTP_PATH_INFO, HTTP_CONTENT_TYPE, HTTP_CONTENT_LENGTH and HTTP_CHARACTER_ENC

ITS-No	Issue Type	Component	Summary	Release Note
				ODING again to the job attributes.
COSDEV-5635	Fixed issue	WebUI	WebUI: Password with character % throws an error	Character % is now supported inside the password and username field
COSDEV-5634	Fixed issue	Server	HTTPS Endpoints missing in the WSDL of all web-services	HTTPS Endpoints for Web-Services are enabled again.
COSDEV-5597	Fixed issue	Processes, Server	UpdatePSET issue with activated PSET cache	The processes UpdatePSET and SetPSETValues now support the PSET-cache.
COSDEV-5589	Fixed issue	Server	Custom webapps not found / Error 404	Custom web application with a "-" (dash) in the name works again.
COSDEV-5583	Fixed issue	Web-Client	Web-Client: Adding/ copying a Process/ Decision does not work	The bug is fixed. The actions are working now as expected.
COSDEV-5581	Fixed issue	Processes	Process "afp2accountingxml" has problems to read certain barcodes (BDA)	Ensure correct barcode (AFP object type BDA) handling.
COSDEV-5577	Fixed issue	Web-Client	Web-Client: Not possible to add a second BeanShell Script	Adding more than one BeanShell script works now.
COSDEV-5566	Fixed issue	Processes	After Upgrade sysHUB 2021 -> 2022: Process LoadUser returns error	Fixed a bad credentials exception if the process loads an LDAP user.
COSDEV-5557	Fixed issue	WebUI	WebUI: LoginAttemptCount doesn't work for http://localhost:8088/webui	Login behavior has been aligned to the behavior within the Web-Client.
COSDEV-5543	Fixed issue	Processes	Process PDFNormalizeSizeAndRotation: It rotates PDF always	Fixed the wrong rotation and the blank pages bug when using the includePages parameter.
COSDEV-5540	Fixed issue	Server	Exception with Postgres dialect and Syslog	The message field for syslog and PostgreSQL dialect is now created as text type.
COSDEV-5516	Fixed issue	Processes	SFTPPutTree shows problems with changing the target directory	Fixed the" No such file" error that occurred on some FTP servers.
COSDEV-5469	Fixed issue	Processes	Process RemoveBytesFromFile removes complete	The RemoveBytesFromFile process now cleans the file content as expected.

ITS-No	Issue Type	Component	Summary	Release Note
			content and not only some bytes	
COSDEV-5113	Fixed issue	Processes	Process: PDFExtractAttachments is broken	The PDFExtractAttachments process works again as expected.