



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
App - Admin Web User Interface	FEWS-17146	FEWS-16910 AdminInterface: Uploading of tasks from file fails for tasks with complex scheduling			
App - Admin Web User Interface	FEWS-18132	FEWS-17521 Admin Interface/Task management issues			
App - Admin Web User Interface	FEWS-18132	FEWS-17521 Admin Interface/Task management issues			
App - Admin Web User Interface	FEWS-18139	FEWS-17521 AI schedule 1 off task fails with duplicate key error			
App - Admin Web User Interface	FEWS-18243	FEWS-16767 Synchronizer no longer allowed as workflow FSS target	[Synchronizer] is no longer allowed as FSS target	In the workflow mapping it is no longer allowed to select [Synchronizer] ias FSS target.	
App - Admin Web User Interface	FEWS-18280	FEWS-16767 AI: Database trend analysis only shows zeros	System monitor page	System monitor page is now using 4 connections to improve performance of the page.	
App - Admin Web User Interface	FEWS-18463	FEWS-17521 AI: Login Time of Active Users is not displayed correctly			
App - Admin Web User Interface	FEWS-18473	FEWS-17521 AI:Set to Failover and Restore does not work correctly			
App - Admin Web User Interface	FEWS-18481	FEWS-16767 AI: LogManager does not work			
App - Admin Web User Interface	FEWS-18486	FEWS-17521 NFFS: New Admin Interface System Status			
App - Admin Web User Interface	FEWS-18487	FEWS-17521 NFFS: Can not see what MC tasks are scheduled and can not schedule MC task			
App - Admin Web User Interface	FEWS-18488	FEWS-17521 NFFS: Editing of MC scheduled tasks create second MC task			
App - Admin Web User Interface	FEWS-18489	FEWS-17521 NFFS: Log messages can not be deleted anymore from AI	Log messages were not deleted	Log messages were not deleted. The date that was entered was never parsed correctly and the default	
App - Admin Web User Interface	FEWS-18500	FEWS-17521 NFFS: Bij schedulen van een workflow vanaf AI wordt Approve check niet geaccepteerd			
App - Admin Web User Interface	FEWS-18501	FEWS-17521 NFFS: Next due time staat niet goed in AI scheduled tasks			
App - Admin Web User Interface	FEWS-18511	FEWS-17521 NFFS AI: Bij schedulen van Forecast met een TAG komt deze niet in de scheduled forecasts te staan			
App - Admin Web User Interface	FEWS-18518	FEWS-17521 AI: Filter on type is removed from View Logs page			
App - Admin Web User Interface	FEWS-18537	FEWS-17521 NFFS: AI Schedule van workflows neemt verkeerde tijd			
App - Admin Web User Interface	FEWS-18573	FEWS-17521 AI: connections remain open			



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App - Admin Web User Interface	FEWS-18602	FEWS-16767 Prevent deprecated MC Workflows from being uploaded.	deprecated mc workflows cannot be uploaded	When a user tries to upload deprecated mc workflows with the tasks upload or the workflow fss mapping upload, the upload fails and an error is displayed with the cause of failure.	
App - Admin Web User Interface	FEWS-18616	FEWS-17521 AI: Status connected OC's is same for Duty and Standby MC's while clients are only	Number of connected OC's was always for the duty MC	Number of connected OC's was always for the duty MC. Now the connections are determined per MC.	
App - Admin Web User Interface	FEWS-18619	FEWS-17521 AI: LogManager does not make use of DeletedRows			
App - Admin Web User Interface	FEWS-19020	FEWS-17521 Admin Interface MC task status does not provide enough information	Rolling Barrel status improved status	The Rolling Barrel status now shows how long ago the last rolling barrel run was started. The interval of the rolling barrel can now be configured using the rollingbarrel time attribute, which is default set to 10 minutes. The configured interval is displayed in a tooltip on the	Example of the fews.master.mc.conf with the time attribute on the rollingbarrel element. {code} <rollingbarrel time="600" > <taskruns expiredays="10"/>
App - Admin Web User Interface	FEWS-19033	FEWS-17521 TVA: FB137 Some task runs are not cleared from the AI		We need to know if this requires a new MC build or a new admin interface WAR file.	
App - Admin Web User Interface	FEWS-19060	FEWS-17521 HERMES: Admin Interface Import Status			
App - Admin Web User Interface	FEWS-19074	FEWS-17521 BPA streamflow: FB151: admin interface			
App - Admin Web User Interface	FEWS-19081	FEWS-17521 NWS: FB152: Don't see piService connection in AI			
App - Admin Web User Interface	FEWS-19088	FEWS-17521 NWS: FB156 Option to Disable Maintenance mode not present, only enable			
App - Admin Web User Interface	FEWS-19089	FEWS-17521 NWS:FB157:The Status column in "Status FSSs" in AI is shows the status of the last task and not			
App - Admin Web User Interface	FEWS-19115	FEWS-17521 NWS: FB168 Duplicate entries for imported files in the AI			



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App - Admin Web User Interface	FEWS-19163	FEWS-17521 NWS: FB188: AI is not showing pi services			
App - Admin Web User Interface	FEWS-19229	FEWS-17521 NWS FB228 AI - MC Synchronization Status shows ok without synchronization enabled.			
App - Admin Web User Interface	FEWS-19236	FEWS-17521 HERMES FB231 AI - Schedule new task page not loading			
App - Admin Web User Interface, App - Configuration Manager Gui	FEWS-18244	FEWS-16767 Upload workflow mappings should take new default config files into account	workflow mappings upload failed	The workflow mapping upload failed due to dependencies on the old defaultworkflowfiles table.	
App - Admin Web User Interface, App - Master Controller Server	FEWS-16933	FEWS-10487 Seqwater: MC_SystemAlerter is in red all the time. Is it bug or we have any issue?	AdminInterface Live Status page now longer displays SystemAlerter MCWorkflow status as red		
App - Admin Web User Interface, App - Master Controller Server	FEWS-19200	FEWS-17521 NWS FB 214 Downloading tasks Current			
App - Admin Web User Interface, App - Master Controller Server	FEWS-19230	FEWS-17521 NWS FB229 AI - MC Synchronization Status needs to show which MC it's syncing from	https://publicwiki.deltares.nl/display/FEWSDOC/Admin+Interface+-+System+Control+-+McSynchronization		
App - Admin Web User Interface, Plugin - Gui - System Monitor	FEWS-18715	FEWS-17521 Remote MC's and remote FSS's status does not come through in AI and OC			
App - Admin Web User Interface, Plugin - Gui - System Monitor	FEWS-18715	FEWS-17521 Remote MC's and remote FSS's status does not come through in AI and OC			
App - Archive	FEWS-17626	Old archive files can not be imported.			
App - Archive	FEWS-18105	FEWS-14334 Archive Server war logs a lot of errors on startup			
App - Archive	FEWS-18163	FEWS-15083 Archive is always enabled in the PI Rest Service			
App - Archive	FEWS-18262	FEWS-16132 HERMES: FB88 – Allow archive export activities at local level.	Exporting forecast to the Archive in IFD mode	By default it is not allowed to export forecasts to the archive in IFD mode, while running the archiving	An example from ExportArchiveModule.xml : {code:xml}
App - Archive	FEWS-18333	build information is not shown in the archive display			
App - Archive	FEWS-18513	FEWS-17521 Archive can't load dataManagementTool.xml on linux			
App - Archive	FEWS-18577	FEWS-17521 Nullpointer when archive is not the correct version			
App - Archive	FEWS-19048	FEWS-17521 Archive throws null pointer if ArchiveServerConfig.xml cannot be found			
App - Archive, Plugin - Gui - Time Series	FEWS-17478	Requests for simulated data by the seamless integration are not cached correctly			
App - Archive, Plugin - Module - Archive	FEWS-18011	FEWS-14334 Thredds installation should be simplified			
App - Archive, Plugin - Module - Archive, Plugin - Module - Data Export	FEWS-17150	NetCDF Export of Ensemble Forecast			



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App - Configuration Manager Gui	FEWS-10800	2 Export knoppen in Config manager werken niet hetzelfde			
App - Configuration Manager Gui	FEWS-12489	Config Manager creates corrupt config when rootConfigFiles is uploaded where filename differs only case: Help.pdf instead of help.pdf			
App - Configuration Manager Gui	FEWS-18021	ArrayIndexOutOfBoundsException when starting CM without command line arguments			
App - Configuration Manager Gui	FEWS-18284	FEWS-18245 File Comparison Dialog of Config Manager does not cancel on Esc button			
App - Configuration Manager Gui	FEWS-18519	FEWS-17521 NFFS: Config Manager Commit geeft allemaal failed meldingen			
App - Configuration Manager Gui	FEWS-18528	FEWS-17521 NFFS: Config Manager werkt niet logisch			
App - Configuration Manager Gui	FEWS-18529	FEWS-17521 NFFS: ERROR Two default config files found with the same name			
App - Configuration Manager Gui	FEWS-18554	FEWS-17521 Config manager creates config revision that includes action configurations			
App - Configuration Manager Gui	FEWS-18562	FEWS-17521 NFFS: Config Manager, Filename caseing inconsistent melding klopt niet altijd			
App - Configuration Manager Gui	FEWS-18566	FEWS-17521 NFFS: Configuration Manager maakt een zoitje van je config met dubbele bestanden			
App - Configuration Manager Gui	FEWS-18613	FEWS-17521 Save all button (which replaces old Upload button) should be better on the right of the			



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App - Configuration Manager Gui	FEWS-18614	FEWS-17521 CM menu should be corrected			
App - Configuration Manager Gui	FEWS-18834	FEWS-17521 Config Manager does not log out correctly. Admin Interface still shows the user to be			
App - Configuration Manager Gui	FEWS-18835	FEWS-17521 CM gives message on restarting "in debug mode" when new rootconfig file detected.			
App - Configuration Manager Gui	FEWS-18859	FEWS-17521 CM does not detect anymore missing configuration files, which might be deactivated			
App - Configuration Manager Gui	FEWS-19030	Error when using "group by" in Config Manager			
App - Configuration Manager Gui	FEWS-19099	FEWS-17521 NWS: FB161: Config Manager OutOfMemoryError: Java heap space			
App - Configuration Manager Gui	FEWS-19164	FEWS-17521 NWS: FB185: Warning message when different user opens config manager			
App - Configuration Manager Gui	FEWS-19192	FEWS-17521 HERMES FB 199 Config Manager detects changes when there are none			
App - Configuration Manager Gui	FEWS-19220	FEWS-17521 HERMES FB 220 Problems with multiple users and the Config Manager			
App - Data Conversion Module	FEWS-18074	FEWS-17521 DCM: missing jar files in DCM bin			
App - Data Conversion Module	FEWS-18075	FEWS-17521 DCM: Error running activity RollingBarrel			
App - Data Import Module (DIM)	FEWS-18942	FEWS-17145 Import module temporary timeSeriesSet saved in OC			



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App - Delft-FEWS	FEWS-17835	FEWS-17521 ForecasterNotesDisplay not working			
App - Delft-FEWS	FEWS-17985	FEWS-11611 Land-OOE: charts in filters / MapDisplay are no longer shown in 2017.01			
App - Delft-FEWS	FEWS-18514	FEWS-17521 Forecaster Nodes: clicking on acknowledge button results in pop-up that does not go			
App - Delft-FEWS	FEWS-18517	FEWS-17521 Forecaster Nodes: cannot delete forecaster notes			
App - Delft-FEWS	FEWS-18610	FEWS-17521 Connection closed suddenly when logged			
App - Delft-FEWS	FEWS-18610	FEWS-17521 Connection closed suddenly when logged in for some time with DDA client			
App - Delft-FEWS	FEWS-18624	FEWS-17521 Strange error messages in client: TimeSeriesBlobsImpl.Error			
App - Delft-FEWS	FEWS-18624	FEWS-17521 Strange error messages in client: TimeSeriesBlobsImpl.Error			
App - Delft-FEWS	FEWS-19057	Admin interface start error			
App - Delft-FEWS, App - Operator Client Gui (Explorer)	FEWS-18338	FEWS-17521 F12-I acknowledge all does not update to green ball in SA			
App - Forecasting Shell Server	FEWS-18137	ForecastingShellTaskRunner.run - ERROR: null value in column "taskrunstatus" violates not-null constraint			
App - Forecasting Shell Server	FEWS-18958	Preloading of FSS does not work anymore. Errors on lock file in use, while running a task			
App - Forecasting Shell Server	FEWS-18961	ERROR - ForecastingShell.main - Error running forecasting shell.TaskRunId 'RDREMC00:000488704'			
App - Forecasting Shell Server	FEWS-19017	FEWS-17521 TVA: FB136 Lock file in use on FSS			
App - Forecasting Shell Server	FEWS-19078	FEWS-17521 TVA: FB147: Java processes do not stop when stopping fss services on windows			
App - Forecasting Shell Server	FEWS-19135	FEWS-17521 NWS: Task Runs not run in order of Dispatch			
App - Forecasting Shell Server, Configuration	FEWS-18620	Connection leaked when rating curve xml is invalid			
App - Forecasting Shell Server, System	FEWS-17474	FEWS-9556 RWsOS: M170716087 - mcproxy.sh script gaat niet goed om met een stale-pid files			
App - Master Controller Server	FEWS-18090	FEWS-16767 Master controller should log validation exceptions			
App - Master Controller Server	FEWS-18143	FEWS-16767 LogEntries table should have an index on localModificationTime			
App - Master Controller Server	FEWS-18661	FEWS-17521 NullPointerException in EventActionProcessor.		{code} [2018-04-23 13:43:16,971] ERROR - McProcess.call -	
App - Master Controller Server	FEWS-19013	FEWS-17521 TVA: FB135 MC Rolling Barrel Errors			
App - Master Controller Server	FEWS-19086	FEWS-17521 NWS: FB154 False Failover Mode still needed			
App - Master Controller Server, System - Logging	FEWS-18166	FEWS-17521 Log Collector service does not contain mastercontroller.log			
App - Master Controller Server, System - Logging	FEWS-19019	FEWS-17521 BPA streamflow: FB140: Master controller			
App - Master Controller Server, System -	FEWS-19195	FEWS-17521 NWS FB 208 No way to Shut down MC	A new page in the AdminInterface controls whether Mc	The live system status page displays whether the	
App - Operator Client Gui (Explorer)	FEWS-16979	FEWS-18245 Layout of "change task" dialog not correct			
App - Operator Client Gui (Explorer)	FEWS-17733	Selectie hoofdfilter gaat niet goed: dan worden alle locaties getoond ipv som van onderliggende nodes			



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App - Operator Client Gui (Explorer)	FEWS-17776	Checkbox selection not properly initiated			
App - Operator Client Gui (Explorer)	FEWS-17792	stacktrace when adding classified esrishapecfile pointlayer			
App - Operator Client Gui (Explorer)	FEWS-17819	FEWS-17521 panelSized element in explorer.xml is ignored			
App - Operator Client Gui (Explorer)	FEWS-17820	FEWS-17521 Filter context menu selected option not highlighted			
App - Operator Client Gui (Explorer)	FEWS-17829	FEWS-17521 Errors after deleting localdatastore from F12 menu			
App - Operator Client Gui (Explorer)	FEWS-17896	FEWS-16132 HERMES: Tabs undock/close when user selects right side of tab			
App - Operator Client Gui (Explorer)	FEWS-17966	Lat/Lon is displayed as Lon/Lat in bar but Lat/Lon in Grid Display			
App - Operator Client Gui (Explorer)	FEWS-17969	FEWS-16910 FOEN_OC: Locatie tooltip herkent geen \n meer			
App - Operator Client Gui (Explorer)	FEWS-17981	Selection of main filter with groupBy extremely slow			
App - Operator Client Gui (Explorer)	FEWS-18016	FEWS-17521 Explorer - toolbarTask "false" is ignored			
App - Operator Client Gui (Explorer)	FEWS-18142	IllegalStateException when closing FEWS			
App - Operator Client Gui (Explorer)	FEWS-18178	FEWS-10616 TVA: Error running node while booting up DDA client			
App - Operator Client Gui (Explorer)	FEWS-18193	FEWS-17521 Every time I start the client I get an error on disconnection which was not graceful!			
App - Operator Client Gui (Explorer)	FEWS-18248	FEWS-18245 Esc on the system time dialog does not cancel			
App - Operator Client Gui (Explorer)	FEWS-18278	FEWS-17521 LastValueVisible does not work (probably due to new button, see link)			
App - Operator Client Gui (Explorer)	FEWS-18279	FEWS-17521 Explorer task Accelerator does not work when task not in Extra menu			
App - Operator Client Gui (Explorer)	FEWS-18290	FEWS-17521 NFFS: Tabular config file viewer is not linked for integer location id			
App - Operator Client Gui (Explorer)	FEWS-18315	Explorer Show selected does not hide children			
App - Operator Client Gui (Explorer)	FEWS-18328	Location list in filter is not updated after changing the predefined stored location selections			
App - Operator Client Gui (Explorer)	FEWS-18336	FEWS-17521 ExplorerRollingBarrel.runRollingBarrel - Rolling barrel in temporary not working in the			
App - Operator Client Gui (Explorer)	FEWS-18359	FEWS-17521 NFFS: Tabular config file viewer shows empty cells with 0			
App - Operator Client Gui (Explorer)	FEWS-18381	FEWS-17521 NFFS: Deactivating of permissions is not possible anymore from FEWS Explorer Options Menu			
App - Operator Client Gui (Explorer)	FEWS-18388	FEWS-17521 incorrect toolbar icon height if threshold toolbar icon, not consistent with other icons			
App - Operator Client Gui (Explorer)	FEWS-18391	FEWS-17521 ERROR - FewExplorerEnvironment.checkGlobalReferences -			
App - Operator Client Gui (Explorer)	FEWS-18394	FEWS-17521 NFFS: System time can not be updated manually when new date is entered			



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App - Operator Client Gui (Explorer)	FEWS-18444	FEWS-18362 CEMIG: Tooltips in 2017.01 work differently than in older version			
App - Operator Client Gui (Explorer)	FEWS-18459	NFFS: MC status in OC status bar is always in failover			
App - Operator Client Gui (Explorer)	FEWS-18520	FEWS-17521 NFFS: Scherm Run Options die vanuit Topology geopend kan worden is te groot			
App - Operator Client Gui (Explorer)	FEWS-18530	FEWS-17521 NFFS: In Topology zie je op een OC niet meer of ene taak draait			
App - Operator Client Gui (Explorer)	FEWS-18542	Module Run Tables - Hot Key Issue			
App - Operator Client Gui (Explorer)	FEWS-18564	FEWS-17521 NFFS: OC in failover mode			
App - Operator Client Gui (Explorer)	FEWS-18599	FEWS-17521 Component must be showing on the			
App - Operator Client Gui (Explorer)	FEWS-18645	FEWS-17521 NFFS: Kill a running or Pending task from			
App - Operator Client Gui (Explorer)	FEWS-18733	FEWS-17521 OC with database: without internet connection the OC hangs on the splash screen			
App - Operator Client Gui (Explorer)	FEWS-18733	FEWS-17521 OC with database: without internet connection the OC hangs on the splash screen			
App - Operator Client Gui (Explorer)	FEWS-18824	Tree item not marked as selected when click on tree			
App - Operator Client Gui (Explorer)	FEWS-18850	FEWS-17521 Nullpointer at restart after <F12> + H (delete localdatastore)			
App - Operator Client Gui (Explorer)	FEWS-18872	F12 export location sets as csv broken			
App - Operator Client Gui (Explorer)	FEWS-18912	FEWS-17521 HERMES: FB99 Saved windowLayout becomes corrupt			
App - Operator Client Gui (Explorer)	FEWS-18920	FEWS-17521 NWS: FB121: Display Units and System Units Labels are missing in dropdown menu			
App - Operator Client Gui (Explorer)	FEWS-18944	FEWS-19536 Filtering on moduleInstanceid does not work correctly			
App - Operator Client Gui (Explorer)	FEWS-19008	FEWS-17521 TVA: FB134 Error with SystemMetrics in live system	SystemMetrics configuration may need to be adapted for 2017.02	The significant changes on the Delft-FEWS architecture for the 2017.02 roadmaps has rendered certain	
App - Operator Client Gui (Explorer)	FEWS-19018	FEWS-17521 TVA: FB141 Client does not reconnect after disconnecting from network and reconnecting			
App - Operator Client Gui (Explorer)	FEWS-19062	FEWS-17521 oc_clientConfig.xml error			
App - Operator Client Gui (Explorer)	FEWS-19100	FEWS-17521 NWS: FB160: Layout resets when opening new tool (tabs) in Linux			
App - Operator Client Gui (Explorer)	FEWS-19102	FEWS-17521 OC Does not restart on Linux when new patch downloaded			
App - Operator Client Gui (Explorer)	FEWS-19134	FEWS-17521 NWS: out of bounds program error			
App - Operator Client Gui (Explorer), Database	FEWS-17698	FEWS-16910 When I open FEWS without a LDS, close it and open it again I get an error message			



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App - Operator Client Gui (Explorer), Plugin - GUI - IFD - Forecasts	FEWS-17787	FEWS-17521 IFD - enableSelectNodesFromMap is unresponsive			
App - Operator Client Gui (Explorer), Plugin - Gui -	FEWS-18734	FEWS-17521 OC with database: import status table is			
App - Operator Client Gui (Explorer), Plugin - Gui - Time Series	FEWS-19046	fonts in plot do not scale when font scaling percentage is changed in explorer options			
App - Operator Client Gui (Explorer), System	FEWS-18760	FEWS-17521 NWS: FEWS does not start; just hangs and spins			
App - Operator Client Gui (Explorer), System	FEWS-18760	FEWS-17521 NWS: FEWS does not start; just hangs and spins			
App - Operator Client Gui (Explorer), System	FEWS-18762	Closing SA/OC for NERFC takes a long time			
App - Operator Client Gui (Explorer), System	FEWS-18762	Closing SA/OC for NERFC takes a long time			
App - Operator Client Gui (Explorer), System - Logging	FEWS-18837	FEWS-17521 Regge (SQL Server) shows empty database table in log statistics , which is not correct			
Configuration	FEWS-17684	False Config.Error: Do not use multiple value attribute in location constraint attributeExists			
Configuration	FEWS-18014	FEWS-16910 TVA: custom ColorScheme not recognized in 2017.01			
Configuration	FEWS-18321	FEWS-9707 HKV: locatieset fout (HDSR)			
Configuration	FEWS-18325	Unclear message on new rootconfigfiles			
Configuration	FEWS-18437	Error parsing module config file			
Configuration - ValidationStatus	FEWS-16861	Waternet: verbeter bruikbaarheid Validation status, Tijdstip van validatie	Time of validity mark until cursor fixed when the data editor is closed	When marking all timeSteps with the default validation status using CTRL-Shift-T, some timeSteps were	
Configuration, Plugin - Gui - Time Series	FEWS-18913	FEWS-17521 HERMES: TimeSeriesDisplayConfig cannot handle same color for four or more time series			
Database	FEWS-17244	FOEN_SA: Export van locationsets naar CSV geeft frozen error			
Database	FEWS-17320	FEWS-10616 TVA: Errors and long creation times associated with replica.fdb			
Database	FEWS-17471	FEWS-14863 Oracle jdbc connection problems and loss of connections due to blocking default random generator in jre.			
Database	FEWS-17805	FEWS-16767 Improve RollingBarrel for 2017.02	The Delft-FEWS 2017.02 RollingBarrel has been totally renewed.	The Delft-FEWS 2017.02 RollingBarrel has been renewed and uses improvements in the database	
Database	FEWS-17817	FEWS-17521 Cannot reuse 2016.02 localdatastore			
Database	FEWS-18020	Last value always extrapolated for interpolationType block in nonEquidistant to equidistant transformation			
Database	FEWS-18070	FEWS-17521 Problem with conversion of 2016.02 database			
Database	FEWS-18175	FEWS-17521 AI: Handle a non converted database	The admin interface will display an error if the database initialization tool wasn't run	The admin interface will display an error if the database initialization tool wasn't run	
Database	FEWS-18185	FEWS-17521 DB init tool error			
Database	FEWS-18194	FEWS-17521 At first startup I get an error message on a duplicated row			
Database	FEWS-18263	TimeSeriesTable.cache - Value for key already exists. error			
Database	FEWS-18291	FEWS-19536 Waternet: error writing tasks to database Data truncating			
Database	FEWS-18390	FEWS-17521 Errors on updating ldb			



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Database	FEWS-18408	FEWS-16767 Unique constraint violation "pk_timeseries"			
Database	FEWS-18434	FEWS-17521 Empty table LastDatabaseConnection			
Database	FEWS-18440	FEWS-16767 Delete Local Datastore does not work with OC synch			
Database	FEWS-18442	FEWS-16767 Error when trying to create new task on SQL Server			
Database	FEWS-18474	FEWS-17521 Problem with Rolling Barrel			
Database	FEWS-18476	FEWS-16767 Rolling Barrel error			
Database	FEWS-18498	FEWS-17521 NFFS: Nullpointer DefaultInputDataInjector.injectData - Error while trying			
Database	FEWS-18499	FEWS-17521 NFFS: Log messages are only partly stored in the database			
Database	FEWS-18502	FEWS-17521 NFFS: Error when running GA (AbstractMethodError at			
Database	FEWS-18516	FEWS-17521 NFFS: runInLoopParallelProcessorCount			
Database	FEWS-18541	FEWS-16767 Create new config revision in database initialization tool			
Database	FEWS-18555	FEWS-17521 TVA: database conversion takes a long time (~30 minutes)			
Database	FEWS-18555	FEWS-17521 TVA: database conversion takes a long time (~30 minutes)			
Database	FEWS-18582	FEWS-16767 column size of fssId is not consistent			
Database	FEWS-18605	FEWS-17521 LogEntries table pollution by related locations			
Database	FEWS-18638	FEWS-17521 postgres migration errors enabledInEnsembleRun not nullable and		< 2018-04-19 10:07:23.828 CEST > ERROR: null value in column "enabledinensamplerun" violates not-null	
Database	FEWS-18670	FEWS-17521 Deleting localDataStore using F12 :			
Database	FEWS-18671	FEWS-17521 NFFS: blob.getMergedBlob(lock) != null unsaved			
Database	FEWS-18671	FEWS-17521 NFFS: blob.getMergedBlob(lock) != null unsaved			
Database	FEWS-18672	FEWS-17521 DatabaseInitializationTool fails when not all defaultconfigfile constraints are dropped			
Database	FEWS-18675	FEWS-17521 Sequence cache yields old value			



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Database	FEWS-18693	FEWS-16767 Make sure vacuum can proceed			
Database	FEWS-18694	FEWS-17521 Foreign key violation in Rolling Barrel			
Database	FEWS-18701	FEWS-17521 Error when trying to connect to central database			
Database	FEWS-18723	FEWS-16767 Close orphaned connections after 5 minutes	postgresql 9.6 idle_in_transaction_session_timeout is set to 5 minutes		
Database	FEWS-18729	FEWS-17521 NWS: SQL Errors from RollingBarrel			
Database	FEWS-18741	FEWS-17521 NWS: database connections not closed; datastore errors (task run rows missing) due to What-if			
Database	FEWS-18741	FEWS-17521 NWS: database connections not closed; datastore errors (task run rows missing) due to What-if Scenario display not saving new scenarios			
Database	FEWS-18778	FEWS-17521 Nullpointer (Oracle stress test): Stop			
Database	FEWS-18785	FEWS-17521 NWS: FB70 Open database connections			
Database	FEWS-18786	FEWS-17521 HERMES: FB71 WARN - Inefficient sql			
Database	FEWS-18792	FEWS-17521 java.sql.BatchUpdateException: GDS Exception.			
Database	FEWS-18806	FEWS-17521 NWS: FB85 deadlock violation of PRIMARY or UNIQUE KEY constraint			
Database	FEWS-18819	FEWS-17521 Error writing import status to database			
Database	FEWS-18899	FEWS-17521 NWS: FB112 ERROR - GDS Exception. deadlock violation of FOREIGN KEY constraint			
Database	FEWS-18900	FEWS-17521 F12-H delete localDataStore with Derby leads to DataStore closed illegal argument			
Database	FEWS-18906	FEWS-17521 Database Initialization Tool not properly updating config synchLevel to 11			
Database	FEWS-18940	FEWS-17521 Foreign key violations Rolling barrel			
Database	FEWS-18985	Many errors: ERROR - DefaultExtendedDataSource.logErrorsForIdleConnectio			



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Database	FEWS-19014	FEWS-17521 TVA: SQL Database differences			
Database	FEWS-19027	FEWS-17521 database maintenance mode does not stop services/connection			
Database	FEWS-19067	FEWS-17521 TVA: FB145 Task run index file keeps growing			
Database	FEWS-19149	FEWS-17521 NWS: FB179: Database-initialization-tool error running for second MC	DatabaseInitializationTool -DignoreHeartbeats=true for incremental use on multiple MCs with limited offline		
Database, Documentation	FEWS-19205	FEWS-17521 Database Update Scripts and Installation	Guidance for SQLServer Installations with data_update from #release 76790 or earlier may contain timestamps with too low resolution. To be tested using		
Database, Plugin - Gui - Time Series	FEWS-17475	FEWS-12245 BPA: Cannot display 90 year time series			
Database, Plugin - Module - Modifiers (TimeSeries)	FEWS-18611	FEWS-17521 previousModifier wrong type.		< 2018-04-19 09:51:49.373 CEST > ERROR: column "previousmodifierid" is of type integer but expression	
Database, System	FEWS-18700	FEWS-17521 Only one connection allowed per thread, first close the open connection. when too many connection on database server			
Database, System - Synchronisation	FEWS-18254	FEWS-10616 TVA: Can not find synchLevel in SELECT taskRunId, modifierId, localAvailableTime FROM			
Debug Tool - Database Viewer	FEWS-17592	Java error screen asking to close FEWS after removing			
Debug Tool - Database Viewer	FEWS-18752	FEWS-17521 NWS: Illegal argument when viewing grib2 imported grids in Database Lister			
Debug Tool - Workflow Navigator	FEWS-18748	FEWS-17521 NWS: F12-K illegal argument Null not			
Debug Tool - Workflow Navigator	FEWS-18748	FEWS-17521 NWS: F12-K illegal argument Null not			
Debug Tool - Workflow Navigator	FEWS-18771	FEWS-17521 TVA: FB63 Workflow Navigator config			
MCRcoveryTool	FEWS-18273	FEWS-16767 MCRcovery tool should use clientConfig.xml			
Module Adapter - All	FEWS-18097	Common model adapter not working for Muskingum model			
Module Adapter - Calibration, Plugin - Gui - Tabular Config Files Display	FEWS-18640	FEWS-17521 NWS: calibration mod throws NumberFormatException.forInputString:65 when shown in Tabular ConfigFiles Display	Tabular Config File Display more robuste for changed location attributes	If location attributes were changed from integer into doubles, an error occurred. The display is now more robust in handling changed value types. Fix is available with patch #74876	
Module Adapter - Calibration, Plugin - Module - Modifiers (ModuleParameters)	FEWS-18604	FEWS-17521 NWS: extend UNITHG modifier for CHPS calibration compatibility with parameter export to CSV			
Module Adapter - Delft3D	FEWS-17186	FEWS-17145 General description of 3D data handling and link with DFLOW FM 3D			
Module Adapter - Delft3D	FEWS-18124	Class not found nl.wdelft.fews.adapter.delft3d.ModuleAdapter			
Module Adapter - HEC	FEWS-17842	FEWS-16910 HEC-RAS version 5.0 adapter conflict with jhdf5.dll			
Module Adapter - HEC	FEWS-18084	HEC-HMS adapter does not work with version 3.5			
Module Adapter - SOBEK, Plugin - Module - WorkflowLooprunner	FEWS-17064	IMPRES running climate scenarios - FEWS ModelAdapter does not define the right run period			
Plugin - Gui - Archive Display	FEWS-18335	ERROR - ImportArchive\$1.visitFile - The import of the data related to metadata file			
Plugin - Gui - Archive Display, Plugin - Gui - Forecast Manager	FEWS-18805	FEWS-17521 HERMES:FB78:Imported runs from Archive don't appear in Forecast Management tab			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - Forecast Manager	FEWS-17943	FEWS-16910 FOEN: Total run time and dispatch time in forecast mamanger shows only the last section of a parallel run			
Plugin - Gui - Forecast Manager	FEWS-18202	FEWS-17521 Null pointer error when opening the forecast management display			
Plugin - Gui - Forecast Manager	FEWS-18557	FEWS-17521 HyFS: Forecast Manager geeft fouten als er geen archive verbinding is			
Plugin - Gui - Forecast Manager	FEWS-18586	FEWS-17521 HyFS: Archive connection moet voor alle	Connection to outdated Archive	When Fews is connected to Archive version 2017.01 or	
Plugin - Gui - Forecast Manager	FEWS-18868	FEWS-17521 Delete task from FM does not work			
Plugin - Gui - Forecast Manager	FEWS-18870	FEWS-17521 Autorefresh of Forecast Manager is not workable			
Plugin - Gui - Forecast Manager	FEWS-19176	FEWS-17521 NWS: FB204: Illegal argument Empty text not allowed for 1st check Error pressing "Filter by Selection" after double clicking			
Plugin - Gui - Forecast Manager, Plugin - GUI - IFD - Forecasts	FEWS-18524	FEWS-17521 NWS: child node local runs are not removed upon parent node server run completion			
Plugin - Gui - Grid Display	FEWS-17381	FEWS-16910 SpatialDisplay: hard exception when selecting dataset			
Plugin - Gui - Grid Display	FEWS-17382	FEWS-16910 SpatialDisplay: tijd springt naar begintijdstip als je andere dataset kiest			
Plugin - Gui - Grid Display	FEWS-17559	esriShapeLayer outline not updated using TimeDependent functionality			
Plugin - Gui - Grid Display	FEWS-17617	spatial display: Not possible to specify data layer when wms layer is specified			
Plugin - Gui - Grid Display	FEWS-17731	FEWS-16910 TVA: Spatial Display color class breaks not working properly			
Plugin - Gui - Grid Display	FEWS-17748	GridDisplay - unit is not visible in bar legend if classBreaksId is used			
Plugin - Gui - Grid Display	FEWS-17843	FEWS-17521 LastValue Checkbox functionality does not work in DataLayer			
Plugin - Gui - Grid Display	FEWS-17871	FEWS-16910 HyFS-3613: Lines appear around rain gauge observations on spatial display			
Plugin - Gui - Grid Display	FEWS-17955	timeDisplayLabels do not show			
Plugin - Gui - Grid Display	FEWS-17955	timeDisplayLabels do not show			
Plugin - Gui - Grid Display	FEWS-17977	FEWS-16910 HyFS-3649: Values not showing in Tooltip of spatial display			
Plugin - Gui - Grid Display	FEWS-18069	FEWS-17521 stacktrace after error in config			
Plugin - Gui - Grid Display	FEWS-18072	esrishapecfile backgroundmap icons appear in legend after making layer visible			
Plugin - Gui - Grid Display	FEWS-18099	null pointer error when selecting wind layer in spatial display (temp and precipitation work fine)			
Plugin - Gui - Grid Display	FEWS-18125	CMEMS import shows grid inverse on spatial display/database viewer			
Plugin - Gui - Grid Display	FEWS-18271	Null pointer program error at nl.wldelft.fews.gui.plugin.grid.SpatialThumbnailsPanel.			
Plugin - Gui - Grid Display	FEWS-18392	FEWS-17521 new aggregation options in spatial display sometimes hangs or gives slider aggregation to 0			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - Grid Display	FEWS-18400	FEWS-17521 NFFS: Spatial display status is not updated when System Time is changed			
Plugin - Gui - Grid Display	FEWS-18471	FEWS-17145 SWAN grid export to NetCDF, flipped grid			
Plugin - Gui - Grid Display	FEWS-18578	FEWS-17521 Grid view heeft wat moeite met spatial thumbnails			
Plugin - Gui - Grid Display	FEWS-18583	FEWS-17145 "Play" button does not work when display onlyContourLines in GridDisplay			
Plugin - Gui - Grid Display	FEWS-18646	2017.01.01 Error when rescaling spatial display from			
Plugin - Gui - Grid Display	FEWS-18674	FEWS-17521 Spatial Display right click menu			
Plugin - Gui - Grid Display	FEWS-18677	FEWS-17521 Spatial Display - manual adjustment			
Plugin - Gui - Grid Display	FEWS-18685	FEWS-17521 Spatial Display - rescale classification does not work			
Plugin - Gui - Grid Display	FEWS-18686	FEWS-17521 Spatial Display - cannot copy time series			
Plugin - Gui - Grid Display	FEWS-18703	FEWS-17521 Spatial Display - toggle button thumbnails is not correctly saved in user_settings.ini file			
Plugin - Gui - Grid Display	FEWS-18704	FEWS-17521 Spatial Display - error with time dependent locations and slider times for different polygons			
Plugin - Gui - Grid Display	FEWS-18706	FEWS-17521 Spatial Display - INFO - Invalid point selected in spatial display - keeps popping up			
Plugin - Gui - Grid Display	FEWS-18706	FEWS-17521 Spatial Display - INFO - Invalid point selected in spatial display - keeps popping up			
Plugin - Gui - Grid Display	FEWS-18707	FEWS-17521 Spatial Display - error - quadtreeSubgridVelocitiesLayer only supports PointsGeometry, not PolygonsGeometry			
Plugin - Gui - Grid Display	FEWS-18738	grid config. Double.NaN not allowed for 3rd check version			
Plugin - Gui - Grid Display	FEWS-18758	FEWS-17521 NWS: FB47 Spatial Display thumbnails overlapping gridded timeseries			
Plugin - Gui - Grid Display	FEWS-18758	FEWS-17521 NWS: FB47 Spatial Display thumbnails overlapping gridded timeseries			
Plugin - Gui - Grid Display	FEWS-18793	FEWS-17521 In some situations, spatial display crashes at startup due to user settings			
Plugin - Gui - Grid Display	FEWS-18807	FEWS-17521 NWS: FB57 Spatial Display incorrect classBreaks due to saved setting in user_settings.ini file			
Plugin - Gui - Grid Display	FEWS-18851	rendering of wind arrows not correct anymore			
Plugin - Gui - Grid Display	FEWS-18889	Invalid default values in rescaling pop-up screen for grid display			
Plugin - Gui - Grid Display	FEWS-18903	FEWS-13318 HyFS-3778: Spatial display carries over last value setting in River Gauges (Level) to Rainfall Displays			
Plugin - Gui - Grid Display	FEWS-18995	Grid display, out of memory when creating polygons from grid			
Plugin - GUI - IFD - Dataviewer	FEWS-17161	1d spectral display: ErrorDisplayer.lambda\$static\$1 - Illegal method call getValue(int index) only supported			
Plugin - GUI - IFD - Dataviewer	FEWS-17611	Qualifier tree: default Filter setting is 'Ergens beschikbaar' instead of 'No Filter'			
Plugin - GUI - IFD - Dataviewer	FEWS-18890	Error when configuring valueType scalar and chainagelocationset in filters			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - GUI - IFD - Dataviewer	FEWS-18901	FEWS-13318 HyFS-3834: Plot Overview wordt vaak niet geupdate en laat verkeerde plots zien			
Plugin - GUI - IFD - Forecaster Help	FEWS-17268	forecasterNotesNotification : when any manual message with level WARN or higher has been pop			
Plugin - GUI - IFD - Forecasts	FEWS-17432	Configured state selection is ignore in the IFD			
Plugin - GUI - IFD - Forecasts	FEWS-17574	Get Null pointer if topology group do not match			
Plugin - GUI - IFD - Forecasts	FEWS-17656	FEWS-16663 Québec: modifier in parent node remains uncommitted after server run			
Plugin - GUI - IFD - Forecasts	FEWS-17786	FEWS-17521 IFD - warm state selection, check on minimum period			
Plugin - GUI - IFD - Forecasts	FEWS-18029	FEWS-10616 TVA: ConcurrentModificationException			
Plugin - GUI - IFD - Forecasts	FEWS-18203	FEWS-17521 no status icons in IFD			
Plugin - GUI - IFD - Forecasts	FEWS-18339	FEWS-17521 Incorrect forecast length in IFD status icon upon initial run			
Plugin - GUI - IFD - Forecasts	FEWS-18462	FEWS-17521 HERMES: FB-None: Run status icons do not appear in 2017.02			
Plugin - GUI - IFD - Forecasts	FEWS-18536	FEWS-16132 HERMES: 2016.02 fews crashes when			
Plugin - GUI - IFD - Forecasts	FEWS-18546	FEWS-17521 NWS: BooleanArrayUtils error when selecting first segment			
Plugin - GUI - IFD - Forecasts	FEWS-18719	FEWS-17521 HERMES: Promote a local run to server/approve IFD not allowed for 3rd check			
Plugin - GUI - IFD - Forecasts	FEWS-18722	FEWS-17521 NWS: Forecast Group runs locally but not on the server and local run icons not correct			
Plugin - GUI - IFD - Forecasts	FEWS-18722	FEWS-17521 NWS: Forecast Group runs locally but not on the server and local run icons not correct			
Plugin - GUI - IFD - Forecasts	FEWS-18751	FEWS-17521 HERMES: FB45: Edit Run Options cause FEWS to Crash			
Plugin - GUI - IFD - Forecasts	FEWS-18761	FEWS-17521 HERMES: FB53: Arrow button to adjust forecast length does not work			
Plugin - GUI - IFD - Forecasts	FEWS-18765	FEWS-17521 NWS: FB60 Topology tab shows upstream forecast groups			
Plugin - GUI - IFD - Forecasts	FEWS-18765	FEWS-17521 NWS: FB60 Topology tab shows upstream forecast groups			
Plugin - GUI - IFD - Forecasts	FEWS-18767	FEWS-17521 NWS: Topology panel not linked to threshold crossings			
Plugin - GUI - IFD - Forecasts	FEWS-18767	FEWS-17521 NWS: Topology panel not linked to			
Plugin - GUI - IFD - Forecasts	FEWS-18769	FEWS-17521 NWS: FB52 maximizing undocked window closes open tabs; restore button for maximized undocked windows; resizing docked windows			
Plugin - GUI - IFD - Forecasts	FEWS-18784	FEWS-17521 HERMES: FB45 Forecast Length			
Plugin - GUI - IFD - Forecasts	FEWS-18825	FEWS-17521 Set IFD to readonly until the initial synch is finished			
Plugin - GUI - IFD - Forecasts	FEWS-18861	FEWS-17521 TVA: FB110 Null pointer - 1st check			
Plugin - GUI - IFD - Forecasts	FEWS-18862	FEWS-17521 BPA: FB113 ESP errors when run with runInLoopParallelProcessorCount defined			
Plugin - GUI - IFD - Forecasts	FEWS-18864	FEWS-17521 BPA streamflow: FB114: Run options "Estimate length" button does not stay activated			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - GUI - IFD - Forecasts	FEWS-19123	Illegal argument when importing state in IFD			
Plugin - GUI - IFD - Forecasts, Plugin - Gui - Time Series	FEWS-18580	FEWS-17521 NWS: inordinate number of background thread pop-ups			
Plugin - GUI - IFD - Forecasts, Plugin - Gui - Time Series Modifier	FEWS-18637	FEWS-17521 NWS: Can not find enabledInEnsembleRun in UPDATE Modifiers			
Plugin - GUI - IFD - Forecasts, Plugin - Gui - Time Series Modifier	FEWS-18642	FEWS-17521 NWS: IFD status icons do not properly update to yellow for de-selected multi-segment mods			
Plugin - GUI - IFD - Forecasts, Plugin - Gui - Time Series Modifier	FEWS-19207	FEWS-17521 NWS:FB217:Icon colors are incorrect after hitting "Apply To" button in Mod window			
Plugin - Gui - Longitudinal Profiles	FEWS-17275	FEWS-16910 Import Errors Chainage location sets			
Plugin - Gui - Longitudinal Profiles, Plugin - Gui - Time Series	FEWS-18780	FEWS-17521 TVA: FB67 Null pointers with profile plots (Windows 10)			
Plugin - Gui - Longitudinal Profiles, Plugin - Gui - Time Series	FEWS-18780	FEWS-17521 TVA: FB67 Null pointers with profile plots (Windows 10)			
Plugin - Gui - Manual Forecast	FEWS-18457	FEWS-17521 NFFS: OC can not start manual tasks from Manual Forecast Display			
Plugin - Gui - Manual Forecast	FEWS-18652	FEWS-17521 HERMES: DEBUG model always sticks after run in the manual forecast			
Plugin - Gui - Map	FEWS-18303	Sava. Fews hangs on startup when loading the Geo Tools library from multiple threads			
Plugin - Gui - Map	FEWS-18866	FEWS-17521 Line becomes invisible when line starts and ends at the same pixel			
Plugin - GUI - Sample Viewer	FEWS-17241	FEWS-16910 Imported sample data does not show X-axis (datetime) in graph when only 1 sample data selected			
Plugin - GUI - Sample Viewer	FEWS-17642	Sample Viewer: show timeseries/spatial grid gives nullpointer			
Plugin - GUI - Sample Viewer	FEWS-17651	Samples in Table not editable for Filter with editPermission = true			
Plugin - Gui - ScenarioEditor (NGMS)	FEWS-17314	FEWS-9554 NGMS (INC000001532930) Switch of signs (- +) when running scenarios			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - Schematic Status Display	FEWS-18215	FEWS-17521 Timeslider has some serious issues			
Plugin - Gui - Schematic Status Display	FEWS-18232	Schematic Status Display does not show data when forecast is already open			
Plugin - Gui - Schematic Status Display	FEWS-18305	FEWS-17521 SSD: display values do not update with			
Plugin - Gui - Schematic Status Display	FEWS-18653	FEWS-17521 NWS: SSD ERROR - Exception while trying to update ScadaPanel with id 'layer1'.null			
Plugin - Gui - Schematic Status Display	FEWS-18830	FEWS-17521 BHydro Schematic Status Null Pointer			
Plugin - Gui - System Monitor	FEWS-16980	System Monitor Live System status background color should not be green but same as other green colors			
Plugin - Gui - System Monitor	FEWS-18113	System Monitor tab caption "Log meldingen" should be "Logmeldingen" without space			
Plugin - Gui - System Monitor	FEWS-18334	FEWS-17521 System Monitor: Illegal argument Identifier not found passed at nl.wldelft.fews.gui.plugin.systemmonitor.BulletinBoar			
Plugin - Gui - System Monitor	FEWS-18341	FEWS-16767 Login Dialog empty besides ok and cancel			
Plugin - Gui - System Monitor	FEWS-18410	FEWS-17521 No datafeed id created on importstatus tab when it does not exist already			
Plugin - Gui - System Monitor	FEWS-18458	FEWS-17521 NFFS: System Monitor tabs do not show any data			
Plugin - Gui - System Monitor	FEWS-18608	FEWS-17521 Some layout issues and totally not clear what the Synchronisation Status tab of the System Monitor is telling us			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - System Monitor	FEWS-18608	FEWS-17521 Some layout issues and totally not clear what the Synchronisation Status tab of the System Monitor is telling us			
Plugin - Gui - System Monitor	FEWS-18615	FEWS-17521 System Status in client is not showing correct MC status			
Plugin - Gui - System Monitor	FEWS-18683	FEWS-17521 System Monitor, OC Synch Status: sorting not fully chronological			
Plugin - Gui - System Monitor	FEWS-18720	bulletinBoardPlus gives error upon selection from dropdown list			Fixed in stable201701 #75494. A new patch will be available on the build server shortly
Plugin - Gui - System Monitor	FEWS-18952	FEWS-17521 Slow refresh of Pending/Running status on live system?			
Plugin - Gui - System Monitor	FEWS-19077	FEWS-17521 System Monitor's Running Forecasts tab generates nullPointer if F12-7 was selected			
Plugin - Gui - System Monitor	FEWS-19201	FEWS-17521 NWS FB 184 OC does not show PI Svc User			
Plugin - Gui - TaskRunDialog	FEWS-18195	FEWS-17521 illegal argument NONE not allowed for 1st check passed at			
Plugin - Gui - Threshold Display	FEWS-18553	FEWS-17521 TVA: System-Wide Thresholds Display; null pointer when filtering on Event Time and Event			
Plugin - Gui - Threshold Display	FEWS-18804	FEWS-17521 TVA: FB81 System-Wide Event Display ability to filter selected locations from underlying locationSet			
Plugin - Gui - Threshold Display	FEWS-19150	NFFS: Nul pointer in Thresholdeventsviewer			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - Time Series	FEWS-17151	FEWS-16910 Stacktrace on selecting multiple time series from legend			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - Time Series	FEWS-17194	FEWS-16132 HERMES: control the order in which Columns appear in the table			
Plugin - Gui - Time Series	FEWS-17219	FEWS-16910 Errormessage in related graph			
Plugin - Gui - Time Series	FEWS-17220	FEWS-16910 Nullpointer Longterm scroller			
Plugin - Gui - Time Series	FEWS-17324	FEWS-16132 Custom colors error in 1701			
Plugin - Gui - Time Series	FEWS-17336	Investigate why seamless integration creates DOUBTFUL MISSINGs and whether that is correct			
Plugin - Gui - Time Series	FEWS-17348	FEWS-9861 NWS: #35833 Search and Select Forecasts - Persist Selection bugs			
Plugin - Gui - Time Series	FEWS-17348	FEWS-17521 NWS: FB189: RM#35833 Search and			
Plugin - Gui - Time Series	FEWS-17415	New buttons in Timeseriesdisplay can not be hidden in TimeSeriesDisplayConfig			
Plugin - Gui - Time Series	FEWS-17427	Changing Font and icon size does not affect TSD fonts	Allow configuring the thresholdLabel font size in the time series dialog	It's now possible to configure the thresholdLabel font size in the time series dialog. This can be done by	{code} <generalDisplayConfig>
Plugin - Gui - Time Series	FEWS-17443	FEWS-16132 FB 108 issue colorscheme where results are displayed in a text color that matches the cell			
Plugin - Gui - Time Series	FEWS-17467	FEWS-16132 axis markers in the TSD when clicking a point in the graph don't work well	No more ticks from time step selection in graph	If no timeserie was selected, no more ticks from time step selection in the graph were shown.	
Plugin - Gui - Time Series	FEWS-17495	TickTimeStep 'week' not supported in displaygroups			
Plugin - Gui - Time Series	FEWS-17496	Threshold Background color does not work properly			
Plugin - Gui - Time Series	FEWS-17525	Threshold background color functionality is not			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - Time Series	FEWS-17791	FEWS-16910 TVA: Display Time icon bug after selecting "Show Today" option			
Plugin - Gui - Time Series	FEWS-17816	Threshold background color not shown for empty non-equidistant timeseries			
Plugin - Gui - Time Series	FEWS-17870	FEWS-9707 HKV, HDSR: interactie tussen document viewer en grafiek is kapot			
Plugin - Gui - Time Series	FEWS-17925	Null pointer Error when displaying Category plots & missing labels on Y-axis while resizing			
Plugin - Gui - Time Series	FEWS-17952	Error (FATAL) not properly handled in "apply expression"			
Plugin - Gui - Time Series	FEWS-18044	addForecastConfidenceTimes locks TSD			
Plugin - Gui - Time Series	FEWS-18045	Font size of text in PDF export from TSD is too large			
Plugin - Gui - Time Series	FEWS-18221	.IllegalArgumentException: endTime can not be before startTime			
Plugin - Gui - Time Series	FEWS-18296	threshold background not aligned with threshold line			
Plugin - Gui - Time Series	FEWS-18317	Sava. ArrayIndexOutOfBoundsException			
Plugin - Gui - Time Series	FEWS-18323	Calendar Aggregation slider missing			
Plugin - Gui - Time Series	FEWS-18337	FEWS-17521 ERROR - TimeSeriesDialog.loadTimeSeries NullPointerException			
Plugin - Gui - Time Series	FEWS-18443	FEWS-10616 TVA: incorrect unreliable flag when marking future cell as reliable			
Plugin - Gui - Time Series	FEWS-18496	FEWS-17521 NFFS: NullPointerException wanneer spatial display een cel is geselecteerd met in time series display de tabel open			
Plugin - Gui - Time Series	FEWS-18497	FEWS-17521 NFFS: Series in Time Series display disappear sometimes			
Plugin - Gui - Time Series	FEWS-18544	FEWS-10616 TVA: Illegal argument for 3rd check for time series (related to daylight savings time)			
Plugin - Gui - Time Series	FEWS-18561	Season in display groups is not using the default time zone			
Plugin - Gui - Time Series	FEWS-18579	FEWS-17521 NWS: Null Pointer for TimeSeriesBlobs			
Plugin - Gui - Time Series	FEWS-18607	FEWS-10616 TVA: 24h table data edits spanning daylight savings time shift			
Plugin - Gui - Time Series	FEWS-18731	FEWS-17521 BPA: Data Editor does not respond to Filters selection			
Plugin - Gui - Time Series	FEWS-18731	FEWS-17521 BPA: Data Editor does not respond to Filters selection			
Plugin - Gui - Time Series	FEWS-18739	Graph disappears when another line is visible, appears when the other line is made invisible			
Plugin - Gui - Time Series	FEWS-18754	FEWS-17521 HERMES: FB42: shading in date/time column with Today button			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - Time Series	FEWS-18759	FEWS-17521 NWS: FB50 relativeViewPeriods not respected in Plots			
Plugin - Gui - Time Series	FEWS-18764	FEWS-17521 NWS: FB58 ToolTip in TSD hydrograph no longer shows stage values (from rating)			
Plugin - Gui - Time Series	FEWS-18815	FEWS-17521 HERMES: FB 86: Column header alignment off when "Forecast Time" option off in 24HE			
Plugin - Gui - Time Series	FEWS-18877	FEWS-17521 NWS: FB104 ERROR - TSDChartOptions.logRatingCurveError			
Plugin - Gui - Time Series	FEWS-18891	FEWS-17521 Hermes: FB117: Double column display on daylight saving point in 24hour+today button			
Plugin - Gui - Time Series	FEWS-18928	FEWS-17521 Noordzee ClassCastException for PolarPlotPlus			
Plugin - Gui - Time Series	FEWS-18937	FEWS-17521 BPA: FB122: Incorrect Thumbnail Display			
Plugin - Gui - Time Series	FEWS-18998	FEWS-17521 No legend shown for WMS layer outside of layerGroup			
Plugin - Gui - Time Series	FEWS-19009	FEWS-17521 TVA: vertical profiles y-axis incorrectly scales down to 0 in 2017.02			
Plugin - Gui - Time Series	FEWS-19087	FEWS-17521 BPA Streamflow: FB155 Significant Figures in Rating Table should be 0.01, but they vary			
Plugin - Gui - Time Series	FEWS-19093	FEWS-17521 BPA streamflow: FB132: Thumbnail with different time horizon not showing properly after THCHING modifier applied.			
Plugin - Gui - Time Series	FEWS-19107	FEWS-17521 BPA streamflow: FB158: Incorrect Validation Rule and unreliable values Display in			
Plugin - Gui - Time Series	FEWS-19217	FEWS-17521 Horizontal Zoom Level is re-setting to a "default" when changing plots in patch 77023			
Plugin - Gui - Time Series Modifier	FEWS-17005	Modifier Buttons do not fit into Display			
Plugin - Gui - Time Series Modifier	FEWS-17602	FEWS-16132 HERMES: Limit Modifiers disappearing			
Plugin - Gui - Time Series Modifier	FEWS-17602	FEWS-16132 HERMES: Limit Modifiers disappearing			
Plugin - Gui - Time Series Modifier	FEWS-17710	FEWS-16132 HERMES: Default selection for Import Modifiers window			
Plugin - Gui - Time Series Modifier	FEWS-18204	FEWS-17521 buttons in modifier display have text only			
Plugin - Gui - Time Series Modifier	FEWS-18535	FEWS-17521 HERMES: FB na: Modifier Import and Export Error			
Plugin - Gui - Time Series Modifier	FEWS-18641	FEWS-17521 NWS: uncommitted modifiers pop-up message seems to always appear			
Plugin - Gui - Time Series Modifier	FEWS-18742	FEWS-17521 HERMES: Modifier Import Error violation of PRIMARY or UNIQUE KEY			
Plugin - Gui - Time Series Modifier	FEWS-18750	FEWS-17521 HERMES: FB43: Modifier Selection cause FEWS to crash			
Plugin - Gui - Time Series Modifier	FEWS-18753	FEWS-17521 NWS: Error when trying to load data for the modifiers panel			
Plugin - Gui - Time Series Modifier	FEWS-18753	FEWS-17521 NWS: Error when trying to load data for the modifiers panel			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - Time Series Modifier	FEWS-18763	FEWS-17521 NWS: FB59 mod display blank when first opening existing RRICNG/TSCHNG/IGNORETS mods			
Plugin - Gui - Time Series Modifier	FEWS-18763	FEWS-17521 NWS: FB59 mod display blank when first			
Plugin - Gui - Time Series Modifier	FEWS-18777	FEWS-17521 Nullpointer (Oracle stress test): Modifiers			
Plugin - Gui - Time Series Modifier	FEWS-18839	FEWS-17521 NWS: FB103 Unable to type values into mod table			
Plugin - Gui - Time Series Modifier	FEWS-18840	FEWS-17521 NWS: FB95 timeSeriesModifier time shift truncates end time			
Plugin - Gui - Time Series Modifier	FEWS-19153	FEWS-17521 NWS: FB181: slight delayed response when making/modifying mods			
Plugin - Gui - Time Series Modifier	FEWS-19189	FEWS-17521 NWS: FB198: UNITHG modifier incorrect value change by mouse click on the adjacent cell			
Plugin - Gui - Time Series Modifier, Plugin - Module - Archive	FEWS-18826	FEWS-17521 HERMES: FB 91: Modifiers do not export to Archive when using local run - promote - then			
Plugin - Gui - Time Series Modifier, Plugin - Module - Modifiers (TimeSeries)	FEWS-18360	FEWS-10616 TVA: occasional inability for modifiers to stick without reverting to a default value			
Plugin - Gui - Time Series, Plugin - Gui - Time Series Modifier	FEWS-18847	FEWS-17521 NWS: FB96 Left click on first open plot produces an inadvertent TSCHNG mod			
Plugin - GUI - Verification Analysis Display	FEWS-17951	FEWS-16910 HyFS-3622: Status of flood periods is not saved	FloodPeriod Status was written to datastore but not read correctly from datastore.	FloodPeriod Status was written to datastore but not read correctly from datastore.	
Plugin - Gui - Web Browser Display	FEWS-17206	FEWS-16910 Nullpointer at startup (Could not initialize class javafx.scene.web.WebEngine)	WebBrowserDisplay shouldn't be preinitialized	The WebBrowserDisplay is a Java FX component, which shouldn't be preinitialized. For existing configurations, the temp directory in the	
Plugin - Gui - Web Browser Display	FEWS-17858	WebBrowserDisplay does not work when truststore is configured	WebBrowserDisplay can now handle configured truststore	WebBrowserDisplay didn't work correctly if a truststore was configured. Only the root certificates in the truststore were accepted. This resulted in not	
Plugin - Gui - Web Browser Display	FEWS-18924	crash when using WebView from JFXPanel application			
Plugin - Module - Amalgamate	FEWS-17250	FEWS-16910 After applying stable 2017.01 amalgamate uses more disk space than original			
Plugin - Module - Amalgamate	FEWS-17722	error messages when amalgamating data for the archive			
Plugin - Module - Amalgamate	FEWS-17970	Amalgamate with option merge=true fails			
Plugin - Module - Amalgamate	FEWS-18892	amalgamate error 'relation "archives" does not exist'			
Plugin - Module - Archive	FEWS-17857	simulated data is not imported from the archive			
Plugin - Module - Archive	FEWS-18581	FEWS-17521 TVA: archive export takes much longer in 2017.02			
Plugin - Module - Archive	FEWS-19170	FEWS-17521 BPA streamflow: FB187: Archive DataStore Export does not appear to follow			
Plugin - Module - Archive	FEWS-19174	FEWS-17521 NWS: FB193: Permissions of Exported datastores are different in 2017.02			
Plugin - Module - Archive, Plugin - Module - Data Import	FEWS-18656	FEWS-17521 Error on import of archive files (old archive) due to missing LOCALAVAILABLETIME column			
Plugin - Module - Data Export	FEWS-17418	Remove unnecessary error message on missing export of parameter			
Plugin - Module - Data Export	FEWS-17580	Export historical events fails with null pointer			
Plugin - Module - Data Export	FEWS-17947	FEWS-16663 Quebec: Skip entire line in GeneralCsv serializer when only empty columns			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Module - Data Export	FEWS-18031	FEWS-10616 TVA: generalCSV export causes incorrect dates straddling new year			
Plugin - Module - Data Export	FEWS-18211	RWOS NZ: ERROR - TimeSeriesExport.exportData - Exporting of the type NETCDF-CF_GRID_MATROOS failed !			
Plugin - Module - Data Export	FEWS-18836	Use most precise value resolution of all time steps for export			
Plugin - Module - Data Export, Plugin - Module - Data Import	FEWS-18945	FEWS-17521 NWS: FB123 FEWS HEC DSS export/import not compatible with Unix system software			
Plugin - Module - Data Import	FEWS-16743	Import matroos_netcdfmapseries: grid is upside down			
Plugin - Module - Data Import	FEWS-17096	ArrayOutOfBounds on netcdf variable that does not depend on stations			
Plugin - Module - Data Import	FEWS-17097	External forecasts from GRIB1 file not mapped to correct valid times			
Plugin - Module - Data Import	FEWS-17452	Unnecessary error message generated when checking the presence of a file in import directory			
Plugin - Module - Data Import	FEWS-17472	Import NETCDF-CF_GRID from OpenDAP			
Plugin - Module - Data Import	FEWS-17519	opendap import MODIS data	opendap import with https was failing	opendap imports were failing if redirections from http to https were not working. With the latest Netcdf the	<timeSeriesImportRun xmlns="http://www.wildelft.nl/fews"
Plugin - Module - Data Import	FEWS-17780	Import Module: LmwWeatherdata			
Plugin - Module - Data Import	FEWS-17790	IWP: importer for Digitale Delta			
Plugin - Module - Data Import	FEWS-17808	FEWS-17521 Error writing import status to database			
Plugin - Module - Data Import	FEWS-17978	FEWS-16910 HyFS-3606: Range forecast with no time window displayed incorrectly	Time Range was incorrectly set for time steps without a range.	Time Range was incorrectly set for time steps without a range if the previously imported timestap was a range.	
Plugin - Module - Data Import	FEWS-18046	Import NETCDF-GRID OpenDAP: Error openDodsByReflection			
Plugin - Module - Data Import	FEWS-18058	Matroos import should accept analyse time = 000000000000			
Plugin - Module - Data Import	FEWS-18073	NetCDF parser cannot parse output file from Sobek3 model			
Plugin - Module - Data Import	FEWS-18148	WaterMl2 parser does not correctly apply timezone information	WaterMl2 dates with hourly timezone information now supported.	The waterML response contains dates with timezone information which couldn't be parsed since they only contain the hour information. For example:	{code} <string key="responseDateFormat" value="yyyy-MM-dd HH:mm:ssZ"/>
Plugin - Module - Data Import	FEWS-18157	NetCDF file in FEWS Archive with ensemble grids can not be imported			
Plugin - Module - Data Import	FEWS-18188	FEWS-17145 NetCDF readers unable to read Dust model file			
Plugin - Module - Data Import	FEWS-18293	FEWS-17521 Canada Pilot: Import from ftp does not work anymore			
Plugin - Module - Data Import	FEWS-18295	Incorrect warning during importing data with the seamless integration			
Plugin - Module - Data Import	FEWS-18705	Relative Forecast time for external forecast import doesn't seem to work			
Plugin - Module - Data Import	FEWS-18726	violation of FOREIGN KEY constraint "FK_TASKRUNSTASK" on table "TASKRUNS"			
Plugin - Module - Data Import	FEWS-18873	FEWS-17521 HERMES: FB116: Data Ingest Failing in 2017.02		Tested by Jeff. and resolved in release version 3.5.3 by Erik	



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Module - Data Import	FEWS-18939	FEWS-17145 Default expiry time applied in import modules when custom expiry is defined			
Plugin - Module - Data Import	FEWS-19105	FEWS-17521 NWS: FB163 netcdf file import error			
Plugin - Module - Data Import	FEWS-19169	FEWS-17521 BPA FB 186: Cannot import GEFS Grib Files, idmap errors			
Plugin - Module - Data Import	FEWS-19178	nullpointer with NETCDF-CF_GRID import			
Plugin - Module - Data Import	FEWS-19218	ArrayIndexOutOfBoundsException when importing scalar Netcdf station data			
Plugin - Module - Data Import, System - Workflow	FEWS-18993	problem with parallel runs and reading netcdf files			
Plugin - Module - General Adapter	FEWS-17442	FEWS fails to kill child processes (Windows)	Windows sub processes were not killed after workflow termination	Windows sub processes were not killed after local run termination with "Terminate local run' (Shift F5). All	
Plugin - Module - General Adapter	FEWS-17442	FEWS fails to kill orphaned child processes (Windows)	Windows sub processes were not killed after workflow termination	Windows sub processes were not killed after local run termination with "Terminate local run' (Shift F5). All	
Plugin - Module - General Adapter	FEWS-17558	FEWS-17145 Coldstates empty			
Plugin - Module - General Adapter	FEWS-17761	IdMapping: Add warning for trailing spaces in error message			
Plugin - Module - General Adapter	FEWS-18309	Restrict deleting binDir when moduleDataSetName is	Restrict deleting binDir to being subdirectory of region		
Plugin - Module - General Adapter	FEWS-18396	FEWS-17521 NFFS: Out of memory when GA imports pi map stack with large number of bil files			
Plugin - Module - General Adapter	FEWS-18743	FEWS-17521 NWS: ImportNetcdfActivity failed; java.lang.ArrayIndexOutOfBoundsException: -1			
Plugin - Module - General Adapter	FEWS-18743	FEWS-17521 NWS: ImportNetcdfActivity failed; java.lang.ArrayIndexOutOfBoundsException: -1			
Plugin - Module - General Adapter	FEWS-18781	FEWS-17521 TVA: change in GA params.xml to add <description> tag?			
Plugin - Module - General Adapter	FEWS-19122	FEWS-17521 TVA: FB170 Cannot delete directory for module data			
Plugin - Module - Modifiers (ModuleParameters)	FEWS-17522	FEWS-17521 modifier exception			
Plugin - Module - Modifiers (ModuleParameters)	FEWS-17688	FEWS-16132 HERMES: Attribute Modifier does not correctly exported to archive			
Plugin - Module - Modifiers (ModuleParameters)	FEWS-18426	FEWS-17521 Calibration modifier - java.lang.Boolean cannot be cast to java.lang.String			
Plugin - Module - Modifiers (ModuleParameters)	FEWS-18790	FEWS-17521 BPA: FB76 SSARREG modifier error (out of bounds program error)			
Plugin - Module - Modifiers (ModuleParameters)	FEWS-18803	FEWS-17521 NWS: FB82 SQL Exception from Mods being committed (failed to UPDATE)			
Plugin - Module - Modifiers (ModuleParameters)	FEWS-18838	FEWS-17521 NWS: FB102 Null Pointer Error in UNITHG mod			
Plugin - Module - Modifiers (ModuleParameters), Plugin - Module - Modifiers (TimeSeries)	FEWS-18534	FEWS-17521 NWS: new shift arrows for UNITHG mod no longer work			
Plugin - Module - Modifiers (TimeSeries)	FEWS-17027	FEWS-9861 NWS: #34176 RRICNG mod fails when editing an existing mod			
Plugin - Module - Modifiers (TimeSeries)	FEWS-18205	FEWS-17521 error 'Row id not generated for SA.1 0' after clicking 'save changes and run'			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Module - Modifiers (TimeSeries)	FEWS-18770	FEWS-17521 HERMES: FB 55: Limit Modifiers Error when Promoting runs from Local to Server			
Plugin - Module - Modifiers (TimeSeries)	FEWS-18789	FEWS-17521 BPA: FB77 WECHNG mod scale changed and unreadable (tick label every 1")			
Plugin - Module - PcrTransformation	FEWS-18297	FEWS-17521 NFFS: PCRaster error Number of Times (Period/TimeStep) defers in input timeSeries			
Plugin - Module - Performance Indicators	FEWS-17769	FEWS-17521 AnalysedForecast from Performance indicators create ensemblememberid which results in			
Plugin - Module - Performance Indicators	FEWS-17773	FEWS-17521 Performance module does not find forecasts in 2017.02			
Plugin - Module - Performance Indicators	FEWS-18024	java.lang.NullPointerException at nl.wldelft.fews.system.plugin.performanceindicator.Le			
Plugin - Module - Reports	FEWS-17545	Report config heeft templateDir nodig in declaraties, kan die niet verwijderd worden uit schema	Reports: option 'templateDir' is not in use anymore	Reports option 'templateDir' is not in use anymore and can be removed from the Reports xml files. Report	
Plugin - Module - Reports	FEWS-17905	FEWS-17145 plotBackgroundReportImage does not work in 2017.01.01			
Plugin - Module - Reports	FEWS-17992	MaximumStatusTable only assess future values	MaximumStatusTable is now suitable for use with historical time series	First version of the MaximumStatusTable was developed with the focus on the status of forecasted time series. It means the table was able to show the	
Plugin - Module - Reports	FEWS-18112	MaximumStatusTable report does not work with monthly timestep			
Plugin - Module - Reports	FEWS-18389	FEWS-17521 System status report gives error: java.sql.SQLException: GDS Exception: 335544569.			
Plugin - Module - Reports	FEWS-18775	Reportmodule does not allow multi threading			
Plugin - Module - Reports	FEWS-18775	Reportmodule does not allow multi threading			
Plugin - Module - Statistics	FEWS-17343	Interval statistieken – qualifiers niet zichtbaar in tabel			
Plugin - Module - Statistics	FEWS-17344	Interval statistics – weergave “geen waarde” bij o.a. percentages betrouwbaar etc			
Plugin - Module - Statistics	FEWS-17425	FEWS-9861 NWS: #24534 Descriptive stats before/after T0			
Plugin - Module - Statistics	FEWS-17601	Interval Statistics display forgets empty nonequidistant series			
Plugin - Module - Thresholds	FEWS-17585	FEWS-16910 HYFS-3508: Locations with info thresholds do not display correctly with background colours			
Plugin - Module - Thresholds	FEWS-19005	Discrepancy between schema and code in			
Plugin - Module - Transformation	FEWS-14837	merge - synoptic incorrect			
Plugin - Module - Transformation	FEWS-16292	statisticsSameAttributeValue gives assertion error when output location has not any matching input			
Plugin - Module - Transformation	FEWS-17118	transformation option convertDatum does not work when exporting time series to coefficientFileSet			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Module - Transformation	FEWS-17213	ArrayIndexOutOfBoundsException with peak selection			
Plugin - Module - Transformation	FEWS-17337	Time series resampling / visibility / hide empty buttons do not work together perfectly			
Plugin - Module - Transformation	FEWS-17593	Using ensemble with statisticsSameAttributeValue does statistics for whole ensemble instead of per			
Plugin - Module - Transformation	FEWS-17735	QualifierAggregation should also be applied to time series without any qualifier			
Plugin - Module - Transformation	FEWS-17907	FEWS-9707 HKV: error in			
Plugin - Module - Transformation	FEWS-17949	Transformation: improve debug info with exact time information			
Plugin - Module - Transformation	FEWS-18228	independentLows function does not work before 1970			
Plugin - Module - Transformation	FEWS-18256	TextUtils.intern DuplicateException			
Plugin - Module - Transformation	FEWS-18527	FEWS-17521 Logging Rating Curve missing Error			
Plugin - Module - Transformation	FEWS-18623	TimeSeriesBlobsImpl.tryLoad			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Module - Transformation	FEWS-18737	transformation: accumulation-suminterval not properly working on grids			
Plugin - Module - Transformation	FEWS-18737	transformation: accumulation-suminterval not properly working on grids			
Plugin - Module - WorkflowLooprunner	FEWS-18783	workflowtestrun does not recognize global variables			
System	FEWS-17630	Fix install_service_x64.bat in configurator. Script inside FSS directories, and missing in NT_Service_Install next			
System	FEWS-17630	Fix install_service_x64.bat in configurator. Script inside FSS directories, and missing in NT_Service_Install next			
System	FEWS-17793	Add more information to stacktrace on broken schema			
System	FEWS-18092	FEWS-17521 Error creating database connection. GDS Exception. 335544351. unsuccessful metadata update			
System	FEWS-18319	FEWS is not able to create an localdatastore in case of			
System	FEWS-18404	FEWS-16767 Fix build properly due to classes not available in the lib-fews-common module			
System	FEWS-18574	FEWS-17521 Connecting to 2017.02 backend with			
System	FEWS-18587	FEWS-17521 ModuleRunTableDisplay should update the gui only from the Event Dispatch Thread	forecast list and file list not updated correctly	forecast list and file list were not updated correctly. The EDT of swing has to be used.	
System	FEWS-18863	FEWS-16132 HERMES: FB119: ERROR LocalRunSaver not supported			
System	FEWS-18865	FEWS-17521 HERMES: FB111: 2017.02 takes longer time than usual and showing "Progress... Waiting for background thread Thread[LocalRunSaver,5,main]"			
System	FEWS-18869	FEWS hangs sometimes on close			
System	FEWS-19095	FEWS-11612 Verbund: OC disconnection issue (Null point and Timeseries missing)			
System	FEWS-19098	OC Run time (completion time - dispatch time) not visible for import runs			
System	FEWS-19109	Could not initialize class nl.wdelft.fews.system.data.config.region.Location			
System - Logging	FEWS-17730	PiDiagnosticsLogAppender.stop(). fails when debug level is on			
System - Logging	FEWS-18264	FEWS-14334 simplify the logging of the tasks in the archive server			
System - Logging	FEWS-18399	FEWS-17521 NFFS: Forecaster Notes does not work anymore			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
System - Logging	FEWS-18718	FEWS-16767 Improve LogEntriesTableLogAppender to prevent dead locks			
System - Logging	FEWS-18821	FEWS-17521 NWS: FB88 Log4jToLogEntryConverter Error			
System - Logging, System - Synchronisation	FEWS-18699	FEWS-17521 LogEntries synch Errors			
System - Patching Mechanism	FEWS-17307	FEWS-16132 HERMES: FB121 – TFS 57012 - OC is not restarting on first launch after root config file change			
System - PI Service	FEWS-17165	PIWebservice: Return sample data via getTimeSeries call	Possibility to retrieve SAMPLE timeseries through getTimeSeries method call	If the Filters configuration contains timeseriessets with <valueType>sample</valueType> it is possible to	{code} ## This file must be placed in the FEWS configuration
System - PI Service	FEWS-18093	PI XML exports double properties as float properties	PI XML properties exports double properties correctly	PI XML properties exports double properties correctly. Double properties are now correctly exported in the PI	
System - PI Service	FEWS-18187	FEWS-15083 PI Rest service should give an error in case duplicate parameters are not allowed	General duplicate parameters in the REST resource will report an error	General duplicate parameters in the REST resource will report an error. If documentFormat, documentVersion, startTime or	
System - PI Service	FEWS-18893	FEWS-19536 RE: test omgeving voor 2017.02 en PI webservice 2017.02			
System - PI Service	FEWS-19015	FEWS-17521 TVA: Webservices runtask method not working	Running tasks with the FewsWebServices failed.	Running tasks with the FewsWebServices was only working for standalone. A fix is available with patch #76451.	
System - PI Service	FEWS-19016	FEWS-17521 TVA: Webservice cache files do not appear to be updating			
System - PI Service	FEWS-19029	FEWS-17521 NWS: FB143 NullPointerException starting up fewspiservice	Regression bugs in PI Service in FewsEnvironmentShell	FewsEnvironmentShell was broken by a couple of regression bugs. With patch #76330 the service starts correctly again.	
System - PI Service	FEWS-19114	FEWS-17521 NWS: FB167 Workflows sent through embedded PI service do not reach FSS			
System - PI Service	FEWS-19160	FEWS-17521 HERMES: FB174: pi service global property does not sync with central database			
System - PI Service	FEWS-19185	FEWS-17521 TVA: FB205: Omission of data in large queries from webservice (rest)			
System - Session	FEWS-18407	FEWS-16767 Remove insert of SystemActivity when not creating Session			
System - Session	FEWS-19012	FEWS-17521 BPA streamflow: FB131: OC startup icon shows as 'spinning'			
System - Synchronisation	FEWS-18662	FEWS-17521 fk-problem taskrun synchronization, systemactivity missed.		No records were missed, but the error was logged, unexpectedly.	
System - Synchronisation	FEWS-18992	two times same button caption at Profile dialog for replicate database			
System - Synchronisation	FEWS-19117	FEWS-17521 NWS: FB169: Obsolete synch file errors on OC			
System - Workflow	FEWS-17227	HyFS_SA: Nullpointer when running workflow on SA			
System - Workflow	FEWS-17653	FEWS-9766 N&S: Error meldingen bij starten taken			
System - Workflow	FEWS-18068	FEWS-17521 Illegal argument for 1st check passed			
System - Workflow	FEWS-18129	FEWS-17521 Nullpointer in workflow testssystem HyFS 2017.02			
System - Workflow	FEWS-18427	FOEN: Improve error message when workflow is defined recursively)			
System - Workflow	FEWS-18855	FEWS-17521 Various errors on taskrunid not found			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
System - Workflow	FEWS-18994	Expiry times of forecast runs are mixed up			
System - Workflow	FEWS-19069	FEWS-17521 NWS:FB148: Null Pointer error when running approved forecast in SA			
System - Workflow	FEWS-19103	FEWS-17521 Illegal method call status.isApproved() && minimalApproveTime error			
System, System - Session	FEWS-18621	FEWS-17521 If you start an OC with ldb, it runs without			
System, System - Workflow	FEWS-19133	FEWS-17521 Live System – promoting local run to server produces Inefficient sql WARN message			
Utility - Configurator	FEWS-18589	FEWS-16767 Add clientConfig.xml in configurator for database initialization tool with all MC's	Configurator produces oc_clientConfig.xml files with connections to all available mc (usable by DatabaseInitialization tool)		
Water Coach	FEWS-17831	FEWS-17521 WC - forecast in future is visible in WC mode			
Water Coach	FEWS-17833	FEWS-17521 WC - messages don't appear in Forecaster Notes / Bulletin Board			
Water Coach	FEWS-17834	FEWS-17521 WC - participant can't connect to vjdbc database			
Water Coach	FEWS-17959	WaterCoach will only run default script			
Water Coach	FEWS-18114	Remove read only flag when datastore is readonly in watercoach			
Water Coach	FEWS-18648	FEWS-17521 NFFS: Water Coach werkt niet, krijg FewExplorerEnvironment.updateSessionRunnable - Duplicate value SA3			
Water Coach	FEWS-18649	FEWS-17521 NFFS: Watercoach laat geen log meldingen meer zien			
Water Coach	FEWS-18730	FEWS-17521 NWS: Water Coach Fails when copying scenario			
Water Coach	FEWS-18730	FEWS-17521 NWS: Water Coach Fails when copying scenario			
Water Coach	FEWS-18946	FEWS-17521 NWS: FB119 WaterCoach fails to restart after copying localDataStore (when using rolling barrel			
Water Coach	FEWS-18982	Embedded WaterCoach panel can disappear			
Water Coach	FEWS-18989	FEWS-17521 F12-6 save temporary time series does not seem to work in Water Coach mode			
Xml Schemas for Configuration	FEWS-19215	FEWS-9707 HKV: validate schema scripts Binaries 2017.02			