



Issue Type	Key	Component/s	Summary	Release Note Text	Release Note Text Description	Config Example
Bug as subtask	FEWS-14321	App - Admin Web User Interface	FEWS-9707 Admin Interface would not show the correct settings for MCWorkflow files such as the MCSytemAlerter and MCSynchronisation.	Admin Interface would not show the correct settings for MCWorkflow files such as the MCSytemAlerter and MCSynchronisation.		
Bug as subtask	FEWS-13783	App - Archive	FEWS-10616 Export monthly observed datasets to archive			
Bug as subtask	FEWS-13796	App - Archive	FEWS-10616 Merge metadata.xml when netcdf files are added to an observed dataset			
Bug	FEWS-14673	App - Archive	Memory wasted when many keys are added to archive meta data (like amalgamate)			
Bug	FEWS-11438	App - Configuration Manager Gui	CM: Verify if (sub)folders and files are ordered alphabetically	ConfigManager sorts nodes within folders now consistently		
Bug	FEWS-14255	App - Delft-FEWS	App.binDir not initialized in unit tests	setUp of unit tests now configures the App bin directory if not set.	setUp of unit tests now configures the App bin directory if not set.	
Bug as subtask	FEWS-14964	App - Delft-FEWS	FEWS-13857 NWS: ErrorDisplayer.lambda\$static\$5 - ArrayIndexOutOfBoundsException			
Bug as subtask	FEWS-15033	App - Delft-FEWS	FEWS-9553 NFFS-Solihull (INC000000885888): threshold corssings (tresholds) are altered in display.			
Bug	FEWS-14428	App - Master Controller Server	Attribute modifier value row expiry times are not updated by the MC UpdateExpiryManager	The MC ExpiryUpdateManager now also handles AttributeModifiers correctly.		
Bug	FEWS-14747	App - Master Controller Server	MCRestarter does not backup error logs on restart			
Bug	FEWS-14802	App - Master Controller Server	Standard and error output from Master-controller components .err and .out files are better preserved.	Stream output from Master controller components to .err and .out files is better preserved.	Stream output from Master controller components to .err and .out files is no longer overwritten when the components are restarted. The outputs are appended instead. If the resulting files become bigger than one MiB than they are now copied to <logging_class_filename>.out.old and <logging_class_filename>.err.old. For instance the output of the nl.wdelft.fews.master.mc.systemmonitor.main.SystemMonitor.err. is moved to nl.wdelft.fews.master.mc.systemmonitor.main.SystemMonitor.err.old when the systemmonitor is restarted and it is larger than 1048576 bytes. The previous nl.wdelft.fews.master.mc.systemmonitor.main.SystemMonitor.err.old is removed. This applies to both Windows and linux.	
Bug	FEWS-14795	App - Master Controller Server	SystemActivities table not being cleaned up properly by MC_RollingBarrel			
Bug	FEWS-15270	App - Operator Client Gui (Explorer)	Chinese languages cannot not be used			p:\delft-fews\Test FEWS Releases\2016.01 Tests\Space for Testers\Functional Component Tests\Explorer\
Bug	FEWS-14727	App - Operator Client Gui (Explorer)	F12 - > convert -> pack dbf files crashes for numbers with over 18 digits			
Bug	FEWS-15047	App - Operator Client Gui (Explorer)	F12-3 rerun last task reruns on an OC as local run instead of server run.			



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Bug as subtask	FEWS-14296	App - Operator Client Gui (Explorer)	FEWS-12911 Custom / Configurable naming of Tabs/dockable windows (Map, Graph) in Explorer			{code:xml} <mapPanelName>Nederland</mapPanelName> <map> <geoDatum>Ordnance Survey Great Britain 1936</geoDatum> <projection>mercator</projection> {code}
Bug as subtask	FEWS-14264	App - Operator Client Gui (Explorer)	FEWS-13857 Export with interactive Export Format from file menu does not work anymore			
Bug	FEWS-14340	App - Operator Client Gui (Explorer)	In CheckBox Selection mode, Show Only Selected does not expand all sublocations			
Bug	FEWS-15080	App - Operator Client Gui (Explorer)	not-understandable error when number of characters too high in csv			
Bug	FEWS-15210	App - Operator Client Gui (Explorer)	odd behavior when loading saved window layouts			p:\delft-fews\Test FEWS Releases\2016.01 Tests\Space for Testers\Functional Component Tests\Explorer\FEWSIWP.ZIP
Bug	FEWS-14811	App - Operator Client Gui (Explorer)	Postgress database reconnection Error on OC			
Bug	FEWS-14714	App - Operator Client Gui (Explorer)	Summary sign icon in Data Viewer qualifier block upon opening FEWS			
Bug	FEWS-14949	App - Operator Client Gui (Explorer), Debug Tool - Database Viewer, Plugin - GUI - Sample Viewer	menu items in database lister and sample viewer should be dutch in case of NL language			
Bug	FEWS-15059	App - Operator Client Gui (Explorer), System	Config files Topology.xml, modifierTypes.xml are not reloaded after F5			
Bug as subtask	FEWS-14993	Configuration	FEWS-10616 multiple moduleinstanceld in timeseriessets			
Bug as subtask	FEWS-14979	Configuration	FEWS-14730 MDBA: sortingLocationAttributeld mixes up between main set and subset			
Bug	FEWS-14229	Configuration	Out of memory when display units are applied on grid or spectra without value resolution			
Bug	FEWS-14977	Configuration	Some small issues with graphs in FEWS, relating too many comments and axislabels			
Bug	FEWS-14833	Configuration - ValidationStatus	Flag Source Marker Menu (Validation Status): Stacktrace	mark flag source failed for timeseries without values	If Mark flag source was used for a time period where one of the timeseries didn't have any values, a null pointer occurred.	
Bug	FEWS-15002	Data Access Component	Stacktrace in GridDisplay			
Bug	FEWS-14718	Database	Break unmarshalling time series bytes when out side view period			
Bug	FEWS-15034	Database	false error parameter id differs from parameter id in database for spectra (domain parameter id)			
Bug as subtask	FEWS-14469	Database	FEWS-9556 RWsOS-Meren: Error running Database optie more than once			
Bug	FEWS-14982	Debug Tool - Database Viewer, Plugin - Gui - Forecast Dialog	Add output time span column to Forecast dialog and database viewer			
Bug as subtask	FEWS-14983	Debug Tool - Workflow Navigator	FEWS-13857 error in workflow navigator when reloading a nested workflow			



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Bug as subtask	FEWS-14957	Module Adapter - Delft3D	FEWS-15031 Delft3D-WAVE adapter:add geodatum to pre- and post adapter for spectra locations			<pre>{code:xml} <exportNetcdfRunFileActivity> <description>This run file is passed as argument to Delft3DPreAdapter</description> <exportFile>%WORK_DIR%/run_info.nc</exportFile> <properties> <string key="module" value="FLOW"/> <string key="run_id" value="\$RUNID\$"/> <string key="template_directory" value="templates"/> <string key="auxiliary_grid_file" value="\$METEO_GRID\$.grd"/> <string key="field_file_format" value="new"/> <string key="output_time_series_in_one_file" value="true"/> <string key="input_spectra_file_to_convert" value="%ROOT_DIR%/input/\$MODEL\$_spectra.nc"/> <string key="overruling_geodatum" value="Rijks Driehoekstelsel"/> </properties> </exportNetcdfRunFileActivity> {code}</pre>
Bug	FEWS-15243	Module Adapter - DFlow-FM	DFlow-FM importing			
Bug	FEWS-14666	Plugin - Gui - Grid Display	Arrows in Spatial Display can not be smaller than 17 symbolsize			
Bug as subtask	FEWS-15038	Plugin - Gui - Grid Display	FEWS-9766 Rijnland: Nullpointer exception at saving gridframe as shapefile			
Bug	FEWS-15030	Plugin - Gui - Grid Display, Plugin - Gui - Time Series	invisible buttons are saved in user settings incorrectly			
Bug as subtask	FEWS-14220	Plugin - GUI - IFD - Dataviewer	FEWS-13857 Qualifer labels: are by default unsorted (not alphabetically)			
Bug as subtask	FEWS-14218	Plugin - GUI - IFD - Dataviewer	FEWS-13857 Qualifier panel: folder icons are not shown, only smal dots			
Bug	FEWS-14725	Plugin - GUI - IFD - Dataviewer	Modifiers on non existing time series not visible in map icons			
Bug as subtask	FEWS-15145	Plugin - GUI - IFD - Forecasts	FEWS-10616 TVA: null pointer error (NegativeArraySizeException)			
Bug as subtask	FEWS-13928	Plugin - GUI - IFD - Forecasts	FEWS-11581 GMW: Error Exception detected for PME data			
Bug	FEWS-14880	Plugin - GUI - IFD - Forecasts	IFD Local Run button incorrectly enabled.			
Bug	FEWS-15421	Plugin - GUI - IFD - Forecasts	Stacktrace error after config error	Display id cannot be configured as displayGroup id in the Topology.xml	A display id was configured in the Topology.xml instead of ad display group id. Config error is logged now and added to XSD documentation	<pre>{code} <element name="displayGroupId" type="fews:idStringType" minOccurs="0" maxOccurs="unbounded"> <annotation> <documentation>displayGroupId references the id of a configured displayGroup element in the DisplayGroups.xml </documentation> </annotation> </element> {code}</pre>
Bug as subtask	FEWS-14460	Plugin - Gui - Manual Forecast	FEWS-13857 NWS: font issues when selecting modules to run from workflow in Manual Forecast Display			



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Bug as subtask	FEWS-14298	Plugin - Gui - Map	FEWS-13857 Nullpointer hovering over a location in the Map			
Bug	FEWS-14891	Plugin - Gui - Map	WMS layers. Log config error when transparent=true is specified in combination with jpg format			
Bug as subtask	FEWS-14712	Plugin - GUI - Sample Viewer	FEWS-13016 Qualifier tree: tree 'collapses' when choosing qualifier label option			
Bug	FEWS-14946	Plugin - GUI - Sample Viewer, Plugin - Module - Data Import	Overwriting samples does not overwrite sample properties			
Bug	FEWS-14895	Plugin - Gui - Schematic Status Display	Do not display list of scadaPanels when a scadaDisplay contains only one panel	list of scada panels is only displayed if there are more than 1 panels	List of scada panels is only displayed if there are more than 1 panels in the list.	
Bug as subtask	FEWS-13432	Plugin - Gui - Schematic Status Display	FEWS-10053 SSD does not update properly	SSD didn't update correctly if new forecast became current	SSD didn't update correctly if new forecast became current. Only the title was updated. Now the complete SSD is updated.	
Bug	FEWS-15278	Plugin - Gui - Schematic Status Display	overRulingTimeNavigatorTimeStep does not change display time			
Bug	FEWS-14823	Plugin - Gui - System Monitor	System monitor - tab "Scheduled Tasks" is not updated in combination with DDA			
Bug	FEWS-14774	Plugin - Gui - Tabular Config Files Display	tabular config files display error	DBF files with scientific notation for Numeric fields is not supported	If a DBF file contains scientific notation for Numeric fields, this isn't compliant with the DBF standard. In this case a way to fix this is to change the column type using a smaller number of decimals. With open office the following would work for the invalid columns: WaringL1,N,13,5 WaringL2,N,13,5 WaringL3,N,13,5 WaringL4,N,13,5	
Bug as subtask	FEWS-14200	Plugin - Gui - TaskRunDialog	FEWS-13857 TaskRunDialog: Error running a task more than once			
Bug	FEWS-14834	Plugin - Gui - Time Series	AssertionError: TimeSeriesInfoWriter.toTimeSeriesGroups:100			
Bug	FEWS-14368	Plugin - Gui - Time Series	Column Statistics & Year Columns both have shortcut "Ctrl + Alt + Y"			
Bug as subtask	FEWS-15236	Plugin - Gui - Time Series	FEWS-10616 block/linear interpolation in data editor does not work if values are in reverse order			
Bug as subtask	FEWS-14778	Plugin - Gui - Time Series	FEWS-10616 column statistics for a range of cells only works after the second time			
Bug as subtask	FEWS-14353	Plugin - Gui - Time Series	FEWS-10616 Issues with entering enumeration data in Data Editor			
Bug as subtask	FEWS-14777	Plugin - Gui - Time Series	FEWS-10616 peach colored cells when pressing zooming out to see all			
Bug as subtask	FEWS-14769	Plugin - Gui - Time Series	FEWS-10616 shift and right/left arrow keys in Data Editor does not work as expected			
Bug as subtask	FEWS-15434	Plugin - Gui - Time Series	FEWS-10616 TVA: request ability to paste data into FEWS that uses commas as 1000 separator			
Bug as subtask	FEWS-14509	Plugin - Gui - Time Series	FEWS-11235 tooltip in SWE-elevation display is incorrect when using locationSet with some missings			
Bug as subtask	FEWS-14303	Plugin - Gui - Time Series	FEWS-13857 Graph/Table do not 'listen' to eachother (unless timeseries is selected)			
Bug as subtask	FEWS-14716	Plugin - Gui - Time Series	FEWS-13857 Historical event for P_obs not displayed			



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Bug as subtask	FEWS-14715	Plugin - Gui - Time Series	FEWS-13857 Historical events display twice in the legend			
Bug as subtask	FEWS-14272	Plugin - Gui - Time Series	FEWS-13857 NWS: plot axes precision differs from 2014.02 (does not adhere to TimeSeriesDisplayConfig)			
Bug as subtask	FEWS-14815	Plugin - Gui - Time Series	FEWS-13857 NWS: scale not adjusting when drawing timeseries			
Bug as subtask	FEWS-14919	Plugin - Gui - Time Series	FEWS-13857 NWS: Time Series Visibility button issues with hiding/unhiding subplots			
Bug as subtask	FEWS-14648	Plugin - Gui - Time Series	FEWS-13857 NWS: y-axis ticks problem			
Bug as subtask	FEWS-15277	Plugin - Gui - Time Series	FEWS-13888 HYFS-1990: Null pointer program error at nl.wdelft.fews.system.data.runs.TimeSeriesBlobsImpl.keepBlobInMemory			
Bug as subtask	FEWS-14761	Plugin - Gui - Time Series	FEWS-14620 Zoom period from "zoom out to whole time series" not remembered			
Bug	FEWS-15152	Plugin - Gui - Time Series	Footer text TSD chart is not updated on change in db lister			
Bug	FEWS-14539	Plugin - Gui - Time Series	For every edit action a full copy of the time series is added to the undo history			
Bug	FEWS-14672	Plugin - Gui - Time Series	Forecast information in legend of TSD does not update after approval			
Bug	FEWS-15072	Plugin - Gui - Time Series	HDSR: herhaling van related locations tijdreeksen in Display Groups			
Bug	FEWS-14138	Plugin - Gui - Time Series	Improvement for coloring time depended location			
Bug	FEWS-15237	Plugin - Gui - Time Series	series disappear from graph while zooming out/in			
Bug	FEWS-15238	Plugin - Gui - Time Series	Zoom to full period does zoom in instead of zoom out to full period			
Bug	FEWS-14930	Plugin - Gui - Time Series Modifier	Export timeseries modifiers incorrect for user defined timesteps			
Bug as subtask	FEWS-14809	Plugin - Gui - Time Series Modifier	FEWS-10616 TVA: Error when opening modifierDisplay for spill nodes			
Bug as subtask	FEWS-15255	Plugin - Gui - Time Series Modifier	FEWS-13318 HYFS-2744 Modifiers Disappear from Database			
Bug as subtask	FEWS-15409	Plugin - Gui - Time Series Modifier	FEWS-14471 GAM modification not automatically applied when running task			
Bug	FEWS-15028	Plugin - Gui - Time Series Modifier	ModifiersDisplay doesn't provide series correctly if the filter <timeSeries> in ModifierTypes applies to multiple moduleInstance			
Bug	FEWS-15068	Plugin - Gui - Time Series Modifier	TimeSeries based modifiers : when editing for multiple locations, entered values are sometimes mixed up			
Bug as subtask	FEWS-14343	Plugin - GUI - TimeSeriesButtonsPanel	FEWS-10053 Glitchy behaviour RVP in time series display in combination with button panel			
Bug	FEWS-14805	Plugin - Gui - What-if Scenario	What-If on external forecast should not be written to the database			
Bug	FEWS-14771	Plugin - Gui - What-if Scenario	whatif scenario throws out error messages.			
Bug	FEWS-15349	Plugin - Module - (Primary) Validation	Refactor SameReading validationRuleSets			
Technical task	FEWS-13747	Plugin - Module - Archive	FEWS-12993 Archive - ARCHIVE NATIVE MODEL FILES			
Bug as subtask	FEWS-14149	Plugin - Module - Archive, System - PI Service	FEWS-10616 archive webservice: ASCII characters showing up in request URL			
Bug as subtask	FEWS-14527	Plugin - Module - Archive, System - PI Service	FEWS-10616 archive webservice: parameters and locations methods in 2015.02 are slow compared to 2015.01			



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Bug as subtask	FEWS-14528	Plugin - Module - Archive, System - PI Service	FEWS-10616 archive webservice: When adding a parameter to a query, the returned query omits part of "parameter" and inserts a paragraph symbol			
Bug	FEWS-15288	Plugin - Module - Data Export	Export Netcdf with hindcast & forecast			
Bug	FEWS-14106	Plugin - Module - Data Export	export of many (~80000) point timeseries with netcdf_cf export takes very long			
Bug as subtask	FEWS-15386	Plugin - Module - Data Export	FEWS-10616 TVA: Export SHEF does not place the appropriate time zone code in the SHEF message			
Bug	FEWS-15239	Plugin - Module - Data Export	Header DINO-export voldoet niet aan het format			
Bug as subtask	FEWS-15036	Plugin - Module - Data Import	FEWS-14730 FTP folder does not exist error			
Bug as subtask	FEWS-14980	Plugin - Module - Data Import	FEWS-14730 MDBA: accommodate filenamepatternfilter when directly downloading from ftp server			
Bug	FEWS-15057	Plugin - Module - Data Import	fileNameForecastCreationDateTimePattern does not work when pattern is at start of filename			
Bug	FEWS-14619	Plugin - Module - Data Import	Improve and review PiTimeSeriesServerParser			
Bug	FEWS-14692	Plugin - Module - Data Import	Incorrect error "Can not parse value '0', it isn't a valid value from enumeration Bedrijf_pomp for location Haren, pomp 1 (RG_HAREN_M1) at line 4"			
Bug	FEWS-14855	Plugin - Module - Data Import	Log warning when import module overwrites non missing with missing			
Bug as subtask	FEWS-15235	Plugin - Module - General Adapter	FEWS-10616 nullpointer ModuleDataSetUpdater.<init>:64 in 1:execute java activity			
Bug	FEWS-14567	Plugin - Module - General Adapter	ModelRunTables should be stored with ensemble information, like warm states.			
Bug as subtask	FEWS-15180	Plugin - Module - Modifiers (TimeSeries)	FEWS-10616 enumeration modifier does not update single location modifier values			
Bug as subtask	FEWS-15050	Plugin - Module - Modifiers (TimeSeries)	FEWS-14471 Feature to only apply most recent modifier (instead of all)			
Bug	FEWS-14207	Plugin - Module - Reports	Report Export: zipping function is not working	Zippping function is not working for exportSystemStatusReports	Zippping function is not working for exportSystemStatusReports in case exportSystemStatusSubDir didn't contain a .zip extension.	{code} <exportSystemStatusReports> <exportSystemStatusSubDir>reports</exportSystemStatusSubDir> <zipReports>true</zipReports> <includeModuleInstanceId>Report_Overall</includeModuleInstanceId> </exportSystemStatusReports> {code}
Bug as subtask	FEWS-14590	Plugin - Module - Statistics	FEWS-13857 nullpointer in Statistical Function			
Bug	FEWS-14705	Plugin - Module - Thresholds	ThresholdEventCrossings for external forecast timeseries are not being triggered			{code} <workflowDescriptor id="ThresholdChecksOnlyChanged" visible="false" forecast="true" onlyCheckThresholdsOfChangedSeries="true"> <description>Check Threshold Crossings for changed series only</description> </workflowDescriptor> {code}
Bug	FEWS-14247	Plugin - Module - Transformation	(Conditional) Aggregation create missings AND flags (empty records)			



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Bug as subtask	FEWS-14401	Plugin - Module - Transformation	FEWS-13857 Results of one location in a timeSeriesSet are merged to all other locations of the other timeSeriesSets			Example: n:\Deltabox\Postbox\Grijze, Andre\vanOlav\ WorkFlow Prepare_Thresholds, module AssessThresholdsMDBC_OPS, transformation ALL_thresh_max.
Bug as subtask	FEWS-15317	Plugin - Module - Transformation	FEWS-14471 Specify TimeZone for high water interval in Astronomical number calculation			
Bug as subtask	FEWS-14987	Plugin - Module - Transformation	FEWS-14986 Transformation module. Rollback ruthless trim functionality			
Bug	FEWS-15207	Plugin - Module - Transformation	Floor operation in user simple transformation does not work			
Bug	FEWS-14857	Plugin - Module - Transformation	Low warning when same time series is output for two transformations (with different ids)			
Bug	FEWS-15253	Plugin - Module - Transformation	Odd results when interpolating unstructured (UGRID) data in FEWS			
Bug	FEWS-14867	Plugin - Module - Transformation	PeriodConsumer interface in custom transformation API			
Bug	FEWS-15304	Plugin - Module - Transformation	Selection, independentLows transformation provides odd results	Lows were marked incorrectly for adjacent time steps with the same values if previous values were descending.	Lows were marked incorrectly for adjacent time steps with the same values if previous values were descending. Two adjacent time steps with the same value were considered as ascending resulting in a low detection.	
Bug	FEWS-15125	System	bytes not released error			
Bug	FEWS-14890	System	Cache file is in use			
Bug as subtask	FEWS-14724	System	FEWS-14471 Translate missing FEWS terminology to German (p4)			
Bug as subtask	FEWS-14942	System	FEWS-14498 JavaService.exe 64 bit version	JavaService_x64.exe for 64 bit	Recompiled JavaService.exe to 64 bit as JavaService_x64.exe	
Bug as subtask	FEWS-14905	System	FEWS-14498 Launcher on 64 bit	Launcher for 64 bit	Launcher for 64 bit has been added to bin directory.	
Bug	FEWS-15290	System	NWM: cannot update expiryTimes			
Bug as subtask	FEWS-14526	System - PI Service	FEWS-10616 archive webservice: Can't get latest forecast out of archive			
Bug	FEWS-15079	System - PI Service	FewsPiService version 2015.01 much slower than 2014.01			
Bug	FEWS-15229	System - PI Service	JSON REST service location service doesn't write location attributes			
Bug	FEWS-14924	System - Synchronisation	ActiveMQ sometimes misses synchronisation message			
Bug	FEWS-14556	System - Synchronisation	Bfg: OutofMemory Exception on initial synchronisation of configuration			
Bug	FEWS-14922	System - Synchronisation	Session expires when synchronisation task takes longer than hour to complete			