
Manatee v1.28

Release Notes v1.28

Sirenia

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Changelog for v1.28.0 - v1.28.1

- Respect enabled/disabled switch on event-interceptor, fixes #965
- (https://gitlab.com/sirenia/manatee/-/merge_requests/542)
- Resolve "1.27: Native InspectRec should be more robust against errors"
- (https://gitlab.com/sirenia/manatee/-/merge_requests/541)

Issues mentioned

- [#967] Intercept fails with {window} markers in path reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/967>)
- [#965] EventInterceptor does not respect disabled/enabled switch reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/965>)
- [#964] 1.27: Native InspectRec should be more robust against errors reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/964>)

Changelog for v1.28.1 - v1.28.2

- Use ctx to close notification, fixes #969
- (https://gitlab.com/sirenia/manatee/-/merge_requests/545)
- Fix concurrency and placement issues for embedded notifications, fixes #966
- (https://gitlab.com/sirenia/manatee/-/merge_requests/544)
- Feature: CM rollback dialog
- (https://gitlab.com/sirenia/manatee/-/merge_requests/543)

Issues mentioned

- [#969] Notification.close does not close notification reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/969>)
- [#968] Disconnect bt resolved paths and findable components in Dugong reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/968>)
- [#966] Embedded notifications are weird in Cosmic reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/966>)

Changelog for v1.28.2 - v1.28.3

- Feature: Hybrid MSI installer
- (https://gitlab.com/sirenia/manatee/-/merge_requests/547)

Issues mentioned**Changelog for v1.28.3 - v1.28.4**

- Fix: Force longs from db to ints to be usable in js-land, fixes #973
- (https://gitlab.com/sirenia/manatee/-/merge_requests/548)

Issues mentioned

- [#973] Db.query might return longs which are not supported in js-land reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/973>)

Changelog for v1.28.4 - v1.28.5

- Fix: Race condition in application controller
- (https://gitlab.com/sirenia/manatee/-/merge_requests/549)

Issues mentioned**Changelog for v1.28.5 - v1.28.6**

- Fix: Setting for accessible context via reflection

- (https://gitlab.com/sirenia/manatee/-/merge_requests/556)
- Resolve "Greater time-to-show for right-click menu in v1.27 vs v1.26"
- (https://gitlab.com/sirenia/manatee/-/merge_requests/555)

Issues mentioned

- [#983] Greater time-to-show for right-click menu in v1.27 vs v1.26 reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/983>)

Changelog for v1.28.6 - v1.28.7

- Fix: Dugong getComponent perf (1.27)
- (https://gitlab.com/sirenia/manatee/-/merge_requests/557)
- Manatee can now be installed in a version which comes bundled with Cuesta and Kwanza and therefore does not (in this configuration) require networked access to these.
- (https://gitlab.com/sirenia/manatee/-/merge_requests/554)
- Resolve "Make sure embedded java app produces right click menu"
- (https://gitlab.com/sirenia/manatee/-/merge_requests/553)

Issues mentioned

- [#980] Make sure embedded java app produces right click menu reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/980>)
- [#79] Log from 50.000 repeat reported by @lykke
- (<https://gitlab.com/sirenia/manatee/-/issues/79>)

Changelog for v1.28.7 - v1.28.8

- Resolve "Intercept deploy does not happen for java apps"
- (https://gitlab.com/sirenia/manatee/-/merge_requests/560)
- Enable cache clearing and use when saving/updating tables, fixes #985
- (https://gitlab.com/sirenia/manatee/-/merge_requests/558)

Issues mentioned

- [#986] Intercept deploy does not happen for java apps reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/986>)

- [#985] Table reads can be dirty on same machine reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/985>)
- [#259] Check for updates should block and restart on startup reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/259>)

Changelog for v1.28.8 - v1.28.9

- Add a flag to disable the cache for a single Table operation, fixes #989
- (https://gitlab.com/sirenia/manatee/-/merge_requests/565)
- Make native driver resolve data compatible with new path editor logic in cuesta
- (https://gitlab.com/sirenia/manatee/-/merge_requests/562)
- Make AllFields and AllFlows wait for data from Kwanza, fixes #988
- (https://gitlab.com/sirenia/manatee/-/merge_requests/561)

Issues mentioned

- [#989] Flag for Table map and rows funcs to disable caching reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/989>)
- [#988] Subflow invocation fails immediately after install reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/988>)
- [#259] Check for updates should block and restart on startup reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/259>)

Changelog for v1.28.9 - v1.28.10

Issues mentioned

- [#991] NPE in ManagedKwanzaApplication reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/991>)

Changelog for v1.28.10 - v1.28.11

- ManateeHelper now logs to RollingFile only, fixes #992
- (https://gitlab.com/sirenia/manatee/-/merge_requests/574)
- Route preview of scroll-wheel to ScrollViewer from all UIElements.
- (https://gitlab.com/sirenia/manatee/-/merge_requests/573)

- Fix focusing on an element which occurs after another dependent element
- (https://gitlab.com/sirenia/manatee/-/merge_requests/569)
- The Extract module provides support for text/html/table extraction from a large variety of files.
- (https://gitlab.com/sirenia/manatee/-/merge_requests/567)
- Accept field path in "highlight-field" debug websocket
- (https://gitlab.com/sirenia/manatee/-/merge_requests/564)

Issues mentioned

- [#998] Mouse-wheel scroll for input dialogs with overflow doesn't work reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/998>)
- [#993] Focus fails on passing by dependent fields reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/993>)
- [#992] ManateeHelper should write to log files only reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/992>)
- [#378] Chrome-driver fails to initialize reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/378>)

Changelog for v1.28.11 - v1.28.12

Issues mentioned

Changelog for v1.28.12 - v1.28.13

- Fix: Dialog focus issues
- (https://gitlab.com/sirenia/manatee/-/merge_requests/585)
- Task-kill if playing nice (over named pipe) fails, fixes #1005
- (https://gitlab.com/sirenia/manatee/-/merge_requests/582)
- Reduced log churn from botcontroller to fix #1004
- (https://gitlab.com/sirenia/manatee/-/merge_requests/581)
- Resolve "Firefox app rect is no longer accurate"
- (https://gitlab.com/sirenia/manatee/-/merge_requests/580)
- Resolve "Field finder is strange on modal java windows"
- (https://gitlab.com/sirenia/manatee/-/merge_requests/579)
- Ensure that flow to pop is not null, fixes #1001

- (https://gitlab.com/sirenia/manatee/-/merge_requests/577)
- Feature: Settings validation (and settings-search performance)
- (https://gitlab.com/sirenia/manatee/-/merge_requests/576)
- Make group-names case-insensitive, fixes #984
- (https://gitlab.com/sirenia/manatee/-/merge_requests/575)
- Add support for a preferred JVM configured on a Java app, fixes #994
- (https://gitlab.com/sirenia/manatee/-/merge_requests/571)
- Bump krom to 1.2.1
- (https://gitlab.com/sirenia/manatee/-/merge_requests/563)

Issues mentioned

- [#1007] Dialog without focus set will focus on last focusable field reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1007>)
- [#1005] Too much of a good thing reported by @lykke
- (<https://gitlab.com/sirenia/manatee/-/issues/1005>)
- [#1004] Change {command} to e.g. {botcmd} reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1004>)
- [#1003] Firefox app rect is no longer accurate reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1003>)
- [#1001] Value cannot be null. reported by @lykke
- (<https://gitlab.com/sirenia/manatee/-/issues/1001>)
- [#1000] Settings search is slow reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1000>)
- [#996] Java paths with a window title does not seem to work reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/996>)
- [#995] Field finder is strange on modal java windows reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/995>)
- [#994] Try JVM specified for this specific application first reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/994>)
- [#984] Groups Casing Issue reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/984>)
- [#976] Settings validation reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/976>)
- [#73] ClickOnce installer is broken (with grpc error) reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/73>)

Changelog for v1.28.13 - v1.28.14

- Fix merge on Input.Properties to include IsSelected
- (https://gitlab.com/sirenia/manatee/-/merge_requests/589)
- Resolve "Make Settings.Manatee.NNN case insensitive"
- (https://gitlab.com/sirenia/manatee/-/merge_requests/588)
- NotifyPropertyChanged for InputType and fix dependency eval for func input elements
- (https://gitlab.com/sirenia/manatee/-/merge_requests/587)
- Stop relying on the known window handle when focusing a steller app
- (https://gitlab.com/sirenia/manatee/-/merge_requests/586)

Issues mentioned

- [#1012] Checkbox state is reset in validation check reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1012>)
- [#1011] function in inputDialog reported by @lykke
- (<https://gitlab.com/sirenia/manatee/-/issues/1011>)
- [#1010] Make Settings.Manatee.NNN case insensitive reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1010>)
- [#1006] Type of id is not consistent reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1006>)
- [#977] App Focus on wrong window in Chrome reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/977>)

Changelog for v1.28.14 - v1.28.15

- Fix: Add auth for inbound FlowTracer commands (needs a valid user)
- (https://gitlab.com/sirenia/manatee/-/merge_requests/590)

Issues mentioned

- [#1013] Ensure only Cuesta users may run FlowTracer WS commands reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1013>)

Changelog for v1.28.15 - v1.28.16

- Use configured method for default conflict resolution, fixes #1015

- (https://gitlab.com/sirenia/manatee/-/merge_requests/591)

Issues mentioned

- [#1016] Add "flowFailed" marker to flowStats reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1016>)
- [#1015] Allow the default conflict resolution method for context change conflicts to be configured reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1015>)

Changelog for v1.28.16 - v1.28.17

Issues mentioned

- [#1016] Add "flowFailed" marker to flowStats reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1016>)

Changelog for v1.28.17 - v1.28.18

- Better handling of missing delim arg and automatically add header for object list
- (https://gitlab.com/sirenia/manatee/-/merge_requests/592)

Issues mentioned

- [#1017] Csv.stringify header missing when given an array of objects reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1017>)

Changelog for v1.28.18 - v1.28.19

- Bypass known executable logic if so configured, fixes #1002
- (https://gitlab.com/sirenia/manatee/-/merge_requests/593)

Issues mentioned

- [#1002] Respect switch to disable KnownExecutable feature on apps reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1002>)

- [#87] Starting manatee when it's already started creates a windows crash reported by @lykke
- (<https://gitlab.com/sirenia/manatee/-/issues/87>)

Changelog for v1.28.19 - v1.28.20

- Introducing the `unsafeRun` method to bypass STA checks, fixes #1027
- (https://gitlab.com/sirenia/manatee/-/merge_requests/598)
- Fix: Encapsulate all Sticky methods to return js errors, fixes #1024
- (https://gitlab.com/sirenia/manatee/-/merge_requests/597)
- Fix: `WithArguments` handles null poorly
- (https://gitlab.com/sirenia/manatee/-/merge_requests/595)

Issues mentioned

- [#1027] Allow non-STA threads to invoke flows in other applications (safely) reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1027>)
- [#1025] `ContextActionConfiguration.WithArguments` does not handle null values well reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1025>)
- [#1024] `Uncatchable Exception` from `Sticky.close` reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1024>)
- [#87] Starting manatee when it's already started creates a windows crash reported by @lykke
- (<https://gitlab.com/sirenia/manatee/-/issues/87>)

Changelog for v1.28.20 - v1.28.21

- Proper merge for incoming LISTOF changes, fixes #1033
- (https://gitlab.com/sirenia/manatee/-/merge_requests/602)
- Feature: Allow launch flag from flow
- (https://gitlab.com/sirenia/manatee/-/merge_requests/600)
- When new options input with a selected value is given for a checkbox, use it.
- (https://gitlab.com/sirenia/manatee/-/merge_requests/599)
- Implement `App.fullScreen()` - fixes #1026
- (https://gitlab.com/sirenia/manatee/-/merge_requests/596)
- Feature: Typescript lib
- (https://gitlab.com/sirenia/manatee/-/merge_requests/594)

Issues mentioned

- [#1033] Function-based LISTOF input element resets in re-eval reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/1033>)
- [#1032] Generate TypeScript defs for API reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/1032>)
- [#1029] Add allowLaunch option to Flow.(unsafe)Run() reported by @spiderdaimi
(<https://gitlab.com/sirenia/manatee/-/issues/1029>)
- [#1028] Use inbound selected value for options input reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/1028>)
- [#1026] App.toggleFullScreen(...) reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/1026>)

Changelog for v1.28.21 - v1.28.22

- Resolve "Keyboard trigger debounce includes too much text"
(https://gitlab.com/sirenia/manatee/-/merge_requests/603)

Issues mentioned

- [#1035] Keyboard trigger debounce includes too much text reported by @los-sirenia
(<https://gitlab.com/sirenia/manatee/-/issues/1035>)
- [#1034] Initial focus should be set to first field reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/1034>)
- [#91] Width of input field reported by @lykke
(<https://gitlab.com/sirenia/manatee/-/issues/91>)

Changelog for v1.28.22 - v1.28.23**Issues mentioned**

- [#91] Width of input field reported by @lykke
(<https://gitlab.com/sirenia/manatee/-/issues/91>)

Changelog for v1.28.23 - v1.28.24

- Fix: Structured logging for FAC loop

- (https://gitlab.com/sirenia/manatee/-/merge_requests/610)
- Feature/los/1.27/pid to process caching
- (https://gitlab.com/sirenia/manatee/-/merge_requests/609)
- Fix: Fullautocontroller reactive optimizations
- (https://gitlab.com/sirenia/manatee/-/merge_requests/608)
- Add support for passing command options along to ManagedApplication.ResolveFromPath
- (https://gitlab.com/sirenia/manatee/-/merge_requests/607)
- Fix various buggy native driver actions
- (https://gitlab.com/sirenia/manatee/-/merge_requests/606)
- Replace a single backslash, for dugong#92
- (https://gitlab.com/sirenia/manatee/-/merge_requests/604)
- Feature/los/field ui 2.0 c389
- (https://gitlab.com/sirenia/manatee/-/merge_requests/601)

Issues mentioned

- [#1045] Expensive calls to GetProcessById should be cached reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1045>)
- [#1044] Native driver 'resolve' doesn't use field cache reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1044>)
- [#1042] Native driver action failures reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1042>)
- [#957] Add some reactivity to FAC reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/957>)
- [#389] Wrong session after Manatee restart reported by @lykke
- (<https://gitlab.com/sirenia/manatee/-/issues/389>)
- [#92] Suffix for input reported by @lykke
- (<https://gitlab.com/sirenia/manatee/-/issues/92>)

Changelog for v1.28.24 - v1.28.25

Issues mentioned

Changelog for v1.28.25 - v1.28.26

- Feature: Mouse move to field
- (https://gitlab.com/sirenia/manatee/-/merge_requests/612)
- Feature: Add options to Fs.write to indicate that supplied data is base64 encoded

- (https://gitlab.com/sirenia/manatee/-/merge_requests/611)

Issues mentioned

- [#1039] Make a path from taking a screenshot to having the Extract module work on it reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1039>)

Changelog for v1.28.26 - v1.28.27

- Fix NPE related bug in MNA.CanAttach logic causing certain app configurations...
- (https://gitlab.com/sirenia/manatee/-/merge_requests/613)

Issues mentioned

- [#1046] FAC loop seems triggerhappy and a new NPE has been observed reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1046>)

Changelog for v1.28.27 - v1.28.28

Issues mentioned

- [#1049] Regression: Fields cannot be constructed with a concatenated string as argument reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1049>)
- [#1023] Positional targeting in Native reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1023>)

Changelog for v1.28.28 - v1.28.29

- Fix: Hosted chrome launch url escaping
- (https://gitlab.com/sirenia/manatee/-/merge_requests/640)
- Feature: Collect texts
- (https://gitlab.com/sirenia/manatee/-/merge_requests/639)

- Fix: Make sure `.Reset()` is called after newed X509Certificate2 has been used, fixes #1080
- (https://gitlab.com/sirenia/manatee/-/merge_requests/638)
- Feature: Additional lifecycle triggers
- (https://gitlab.com/sirenia/manatee/-/merge_requests/636)
- Add logging to the observed error case regarding existing volatile reg structure
- (https://gitlab.com/sirenia/manatee/-/merge_requests/635)
- Wait for initial value when loading service configurations from kwanza
- (https://gitlab.com/sirenia/manatee/-/merge_requests/634)
- Log CurrentCulture at startup
- (https://gitlab.com/sirenia/manatee/-/merge_requests/633)
- Fix ConcatenatedString bugs in MailServiceModule
- (https://gitlab.com/sirenia/manatee/-/merge_requests/632)
- Fix: Catch exceptions in focus-following subscription, fixes #1070
- (https://gitlab.com/sirenia/manatee/-/merge_requests/631)
- BREAKING CHANGE: 'read' command in browsers now throws an error if the field cannot be found. 'throws: false' gives previous behavior.
- (https://gitlab.com/sirenia/manatee/-/merge_requests/630)
- Feature: Do not focus app on triggers and API (and some cleanup), fixes #1064
- (https://gitlab.com/sirenia/manatee/-/merge_requests/629)
- Feature: Centralize manatee home dir
- (https://gitlab.com/sirenia/manatee/-/merge_requests/628)
- Fix/los/1.27/1062 ie attach fail
- (https://gitlab.com/sirenia/manatee/-/merge_requests/627)
- Make resolve error handling compliant with general api error handling
- (https://gitlab.com/sirenia/manatee/-/merge_requests/626)
- Add support for on-the-fly fields having a name
- (https://gitlab.com/sirenia/manatee/-/merge_requests/625)
- Catch exception on main thread in ReferenceWindow

- (https://gitlab.com/sirenia/manatee/-/merge_requests/624)
- Introduce the `onlyValidateOnSubmit` to delay showing any validation errors ...
- (https://gitlab.com/sirenia/manatee/-/merge_requests/623)
- Feature: External module documentation
- (https://gitlab.com/sirenia/manatee/-/merge_requests/622)
- Fix/los/1050 white getmultiple
- (https://gitlab.com/sirenia/manatee/-/merge_requests/615)
- Add support for loading modules from a remote S3-compatible storage.
- (https://gitlab.com/sirenia/manatee/-/merge_requests/605)
- Feature: Documentation links
- (https://gitlab.com/sirenia/manatee/-/merge_requests/621)
- Get rid of more expensive `GetProcessById` call sites for improved performance
- (https://gitlab.com/sirenia/manatee/-/merge_requests/620)
- Make two improvements to error reporting from flows
- (https://gitlab.com/sirenia/manatee/-/merge_requests/619)
- Fix occasional bad number of path infos from field finder in native apps
- (https://gitlab.com/sirenia/manatee/-/merge_requests/618)
- Feature/los/1023 native positional
- (https://gitlab.com/sirenia/manatee/-/merge_requests/617)
- Fix/los/1051 simultaneous native attach fail
- (https://gitlab.com/sirenia/manatee/-/merge_requests/616)

Issues mentioned

- [#1080] `X509Certificate2` constructor fills up disk reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1080>)
- [#1073] Trigger on Manatee start reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1073>)
- [#1071] `CurrentCulture` should be logged during startup reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1071>)

- [#1070] Fatal System.InvalidOperationException reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1070>)
- [#1068] To-addresses in mail.send cannot be composed of ConcatenatedStrings reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1068>)
- [#1067] Services loaded by a flow are null until they are cached reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1067>)
- [#1066] Add 'throws' option for read command reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1066>)
- [#1064] hotkey trigger focus main window reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1064>)
- [#1063] Configurable %appdata%/Sirenia/Manatee for settings, logs, etc reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1063>)
- [#1062] IE driver won't attach until manatee restart reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1062>)
- [#1059] Fatal on monitor - MissingApplicationRectException reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1059>)
- [#1056] Field constructor should accept a 'name' property in its conf object reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1056>)
- [#1055] ManagedApplication.ResolveFromPath should throw Exception on failure reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1055>)
- [#1009] ManateeHelper RegKey Violation reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1009>)
- [#1060] Service Desk (from Sean.Michael.Dowling@rsyd.dk): Optionel "required-tekst" i input-dialog? reported by @support-bot
- (<https://gitlab.com/sirenia/manatee/-/issues/1060>)
- [#1058] Avoid trying to publish already published ModuleApi (CI error) reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1058>)
- [#1057] Documentation from externally loaded modules reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1057>)
- [#1054] Manatee must provide links in generated snippets reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1054>)
- [#1053] Field finder sometimes gives bad path info for Native apps reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1053>)
- [#1052] Field action errors are reported as being caused by failing locators reported by @los-

sirenia

- (<https://gitlab.com/sirenia/manatee/-/issues/1052>)
- [#1051] Simultaneous attach to multiple native applications fail reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1051>)
- [#1050] White's .GetMultiple fails where .Get succeeds reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1050>)
- [#1049] Regression: Fields cannot be constructed with a concatenated string as argument reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1049>)
- [#1045] Expensive calls to GetProcessByld should be cached reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1045>)
- [#1023] Positional targeting in Native reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1023>)

Changelog for v1.28.29 - v1.28.30

- Fail faster if the app configuration does not contain the required information to launch the app
- (https://gitlab.com/sirenia/manatee/-/merge_requests/647)
- Feature: Detect when windows are hidden
- (https://gitlab.com/sirenia/manatee/-/merge_requests/646)
- Add links for getting windows on process and process on a window, fixes #1089
- (https://gitlab.com/sirenia/manatee/-/merge_requests/645)
- Feature/los/1082 hosted id com support
- (https://gitlab.com/sirenia/manatee/-/merge_requests/644)
- Fix: Wait a bit before attempting to setup the script interface in hosted IE, fixes #1087
- (https://gitlab.com/sirenia/manatee/-/merge_requests/643)
- Perf: Field image memory woes
- (https://gitlab.com/sirenia/manatee/-/merge_requests/642)
- Add TLS 1.2 support and better error messages, fixes #1086
- (https://gitlab.com/sirenia/manatee/-/merge_requests/641)
- Feature: External participants as plugins
- (https://gitlab.com/sirenia/manatee/-/merge_requests/637)

Issues mentioned

- [#1091] Use IAccessible::get_accState to detect when windows are hidden reported by @jonathan

- (<https://gitlab.com/sirenia/manatee/-/issues/1091>)
- [#1090] Plugins reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1090>)
- [#1089] Access to windows from process proxy and vice versa reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1089>)
- [#1087] HostedIE fails to attach to OnBase reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1087>)
- [#1086] Support TLS 1.2 in the Http module reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1086>)
- [#1084] Psyk crash reported by @lykke
- (<https://gitlab.com/sirenia/manatee/-/issues/1084>)
- [#1082] Built-in and experimental (both stellar-based) fail to attach reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1082>)
- [#1081] Make sure manatee does not try to launch an app, which lacks the required parameters for launching reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1081>)

Changelog for v1.28.30 - v1.28.31

- Fix: Implements support for getting only changed values in ongoing transactions, fixes #1094
- (https://gitlab.com/sirenia/manatee/-/merge_requests/648)

Issues mentioned

- [#1094] `InternalContextManager.GetItemValue` throws `NotImplemented` exception if supplied with argument `onlyChanges=true` reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1094>)
- [#1093] NPE in `AccessibleWindowIsInvisible` reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1093>)

Changelog for v1.28.31 - v1.28.32

Issues mentioned

Changelog for v1.28.32 - v1.28.33

- Stop using white for traversing the chrome UI

- (https://gitlab.com/sirenia/manatee/-/merge_requests/655)
- Ensure that the window-identifier does not steal focus ...
- (https://gitlab.com/sirenia/manatee/-/merge_requests/654)
- Intervalled window invisibility check
- (https://gitlab.com/sirenia/manatee/-/merge_requests/653)
- Add support for deleting rows (and columns), fixes #1097
- (https://gitlab.com/sirenia/manatee/-/merge_requests/652)
- Fix: Register dummy handler on main thread, fixes #1077 (hopefully)
- (https://gitlab.com/sirenia/manatee/-/merge_requests/651)
- Add support for putting persistant values in the clipboard
- (https://gitlab.com/sirenia/manatee/-/merge_requests/650)
- Fix broken handling of auth errors in flowtracer
- (https://gitlab.com/sirenia/manatee/-/merge_requests/649)

Issues mentioned

- [#1101] Cannot find chrome app rectangle for field finding reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1101>)
- [#1098] Fickle focus on application startup reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1098>)
- [#1097] Delete Excel row reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1097>)
- [#1096] Add 'persist' flag to Clipboard.set reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1096>)
- [#1092] Continually check for window visibility reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1092>)
- [#1077] Deadlock on remote desktop reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1077>)
- [#426] Inspect (for native) should have an option to include children reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/426>)

Changelog for v1.28.33 - v1.28.34

- Feature: Secure logging via gRPC
- (https://gitlab.com/sirenia/manatee/-/merge_requests/656)

Issues mentioned

- [#1061] Encrypt log traffic reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1061>)

Changelog for v1.28.34 - v1.28.35

- Fix: Make sure we eval func on initial EvalDependencies... and fix initial showing of validation errors
- (https://gitlab.com/sirenia/manatee/-/merge_requests/659)
- Update to more robust white library and fix firefox document finding logic
- (https://gitlab.com/sirenia/manatee/-/merge_requests/658)

Issues mentioned

- [#1106] An open firefox window upsets TestStack.White reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1106>)
- [#1105] Input dialog does not eval func on initial display reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1105>)

Changelog for v1.28.35 - v1.28.36

- Add new setting for specifying extra modifiers for Alt + right click menu
- (https://gitlab.com/sirenia/manatee/-/merge_requests/660)

Issues mentioned

- [#913] Add a couple of alternatives to Alt+Right click reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/913>)

Changelog for v1.28.36 - v1.28.37

- Feature: MSI installer supplies initial configuration options
- (https://gitlab.com/sirenia/manatee/-/merge_requests/661)

Issues mentioned

- [#1114] Include %JAVA_HOME% in list of Env.JavaHomes reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/1114>)
- [#1102] Provide settings for msi installer reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/1102>)

Changelog for v1.28.37 - v1.28.38

- Catch exception when attempting to treat explorer windows as IE windows
(https://gitlab.com/sirenia/manatee/-/merge_requests/665)
- Fix: Ensure resolved arguments are all url-encoded to fix #1117
(https://gitlab.com/sirenia/manatee/-/merge_requests/664)
- Fix: "Focus focus focus" backport of fix #1098
(https://gitlab.com/sirenia/manatee/-/merge_requests/662)

Issues mentioned

- [#1117] Ensure all resolved arguments for browsers are url-encoded reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/1117>)
- [#1116] Failure to connect to hosted IE due to COM error reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/1116>)
- [#1098] Fickle focus on application startup reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/1098>)

Changelog for v1.28.38 - v1.28.39

- Add dugong for java 6 apps along with a new setting to disregard specific java versions
(https://gitlab.com/sirenia/manatee/-/merge_requests/670)
- Include %JAVA_HOME% in search-paths for Java, fixes #1114
(https://gitlab.com/sirenia/manatee/-/merge_requests/663)
- Pluggable application types
(https://gitlab.com/sirenia/manatee/-/merge_requests/657)

Issues mentioned

- [#1115] Include dugong for java 1.6 reported by @los-sirenia

- (<https://gitlab.com/sirenia/manatee/-/issues/1115>)
- [#1114] Include %JAVA_HOME% in list of Env.JavaHomes reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1114>)
- [#1111] Supply application proxies via plugins reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1111>)
- [#1104] Associate right click subjects with groups reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1104>)

Changelog for v1.28.39 - v1.28.40

- Fix misc issues with updating of status-info in Manatee notification-icon menu
- (https://gitlab.com/sirenia/manatee/-/merge_requests/673)
- Fix sorting to be stable, fixes #1121.
- (https://gitlab.com/sirenia/manatee/-/merge_requests/672)
- Generate GUID for installer based on branch-name, fixes #1100
- (https://gitlab.com/sirenia/manatee/-/merge_requests/671)
- Feature: Application notifications
- (https://gitlab.com/sirenia/manatee/-/merge_requests/669)
- Feature: Pluggable sticky items
- (https://gitlab.com/sirenia/manatee/-/merge_requests/666)

Issues mentioned

- [#1122] Investigate black dot indicating connection failed on develop reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1122>)
- [#1121] Groups (application names) sorting is not stable in right-click menu reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1121>)
- [#1100] Use branch-name to generate Guid and name for msi installer reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1100>)
- [#1099] Supply sticky elements from a plugin reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1099>)

Changelog for v1.28.40 - v1.28.41

- Fix: Chrome window handles on new window
- (https://gitlab.com/sirenia/manatee/-/merge_requests/678)

- Add writeBom flag to Fs.write
- (https://gitlab.com/sirenia/manatee/-/merge_requests/676)
- Handle another 'Invalid handle' exception to get tests running again
- (https://gitlab.com/sirenia/manatee/-/merge_requests/675)
- Add version and branch info to Env module, fixes #1124
- (https://gitlab.com/sirenia/manatee/-/merge_requests/674)
- Filter subjects by manatee groups
- (https://gitlab.com/sirenia/manatee/-/merge_requests/668)
- Focus window after launching and an overall more reliable focus mechanism
- (https://gitlab.com/sirenia/manatee/-/merge_requests/667)

Issues mentioned

- [#1124] Add Manatee version to Env module reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1124>)
- [#1123] Fix failing tests on Azure CI reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1123>)
- [#1120] Add 'writeBom' option to Fs.write reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1120>)
- [#1118] Focus newly launched application window after start reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1118>)
- [#1104] Associate right click subjects with groups reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1104>)

Changelog for v1.28.41 - v1.28.42

- Add robustness to the document rectangle finding logic of chrome and firefox
- (https://gitlab.com/sirenia/manatee/-/merge_requests/679)
- Fix: Remove invalid ephemerals, fixes #1047
- (https://gitlab.com/sirenia/manatee/-/merge_requests/677)
- Feature: Estero
- (https://gitlab.com/sirenia/manatee/-/merge_requests/502)

Issues mentioned

- [#1125] Field finding in chrome/firefox still fails for some users reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1125>)

- [#1103] Make sure the updated bot service is used in Manatee reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1103>)
- [#1047] Ephemerals in the FAC does not get ejected if the app-configuration is no longer available reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1047>)

Changelog for v1.28.42 - v1.28.43

- Fix: Do not re-throw an exception in getters, rather return default value - fixes #1127
- (https://gitlab.com/sirenia/manatee/-/merge_requests/681)
- Feature: Add new TableTriggerMechanism to fix #663
- (https://gitlab.com/sirenia/manatee/-/merge_requests/680)

Issues mentioned

- [#1127] Processes.all throws exception when JSON.stringified reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1127>)
- [#663] Trigger on table changes reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/663>)

Changelog for v1.28.43 - v1.28.44

- Use notification close to allow foregrounding, fixes #1130
- (https://gitlab.com/sirenia/manatee/-/merge_requests/684)
- Add flag to disable prompt for focus perms, fixes #1129
- (https://gitlab.com/sirenia/manatee/-/merge_requests/683)
- Translate window coordinates from optical field recognition into document coordinates
- (https://gitlab.com/sirenia/manatee/-/merge_requests/682)

Issues mentioned

- [#1130] Accept focus-permissions when closing notifications reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1130>)
- [#1129] Add askForPermission to Window. focus options reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1129>)
- [#1031] Optical field locating finds the wrong things in browsers reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1031>)

Changelog for v1.28.45 - v1.28.46

- lock the ContextItems when iterating, fixes #1136
- (https://gitlab.com/sirenia/manatee/-/merge_requests/688)
- Fix: Force kill on pipeofdeath timeout (v1.27)
- (https://gitlab.com/sirenia/manatee/-/merge_requests/687)

Issues mentioned

- [#1136] Concurrent modification error in ManagedReferenceApplication reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1136>)

Changelog for v1.28.46 - v1.28.47

- Fix bug in Chrome field finder logic
- (https://gitlab.com/sirenia/manatee/-/merge_requests/693)
- 1.27 chrome offset fix
- (https://gitlab.com/sirenia/manatee/-/merge_requests/692)
- Introduce a flow-invokable `Settings.Manatee.reset()` fixes #1139
- (https://gitlab.com/sirenia/manatee/-/merge_requests/691)
- Add `Fs.mkdir` function, fixes #1140
- (https://gitlab.com/sirenia/manatee/-/merge_requests/690)
- Feature: Settings setting
- (https://gitlab.com/sirenia/manatee/-/merge_requests/689)

Issues mentioned

- [#1143] Chrome document offsetting fails reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1143>)
- [#1140] mkdir for Fs module reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1140>)
- [#1139] Settings.Manatee.reset method reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1139>)

Changelog for v1.28.47 - v1.28.48

- Feature: Deadlines for process launch and attach

- (https://gitlab.com/sirenia/manatee/-/merge_requests/698)
- Fix bugs in IE driver input handling
- (https://gitlab.com/sirenia/manatee/-/merge_requests/697)
- Html.loadFrom with a remote url
- (https://gitlab.com/sirenia/manatee/-/merge_requests/696)
- Feature: Replace pattern with inline replaces
- (https://gitlab.com/sirenia/manatee/-/merge_requests/695)
- Allow headless applications to participate in change-detection, fixes #1144
- (https://gitlab.com/sirenia/manatee/-/merge_requests/694)
- 1.28 - Fix support for edge app type
- (https://gitlab.com/sirenia/manatee/-/merge_requests/685)

Issues mentioned

- [#1145] IE driver has buggy input handling reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1145>)
- [#1144] Allow headless apps to participant in context transactions reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1144>)
- [#1143] Chrome document offsetting fails reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1143>)
- [#813] Edge browser reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/813>)

Changelog for v1.28.48 - v1.28.49

- Fix: Proxy application depends on show warning setting
- (https://gitlab.com/sirenia/manatee/-/merge_requests/701)
- Feature: WMI approach to process name (commandline)
- (https://gitlab.com/sirenia/manatee/-/merge_requests/700)
- Apply various fixes to observed problems regarding intercept triggering
- (https://gitlab.com/sirenia/manatee/-/merge_requests/699)

Issues mentioned

- [#1142] 1.28 Native IsAncestorQuick timeout bug reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1142>)

Changelog for v1.28.49 - v1.28.50

- Fix: Include child windows in native intercepts
- (https://gitlab.com/sirenia/manatee/-/merge_requests/703)
- Fix: Window trigger on closing of windows
- (https://gitlab.com/sirenia/manatee/-/merge_requests/702)

Issues mentioned

- [#1157] Native intercept triggers only trigger if event is within main window bounds reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1157>)

Changelog for v1.28.50 - v1.28.51

- Fix: Show dugong mismatch warning on flow run (1.28)
- (https://gitlab.com/sirenia/manatee/-/merge_requests/707)
- Add App.setPopupBehavior('navigate') api method
- (https://gitlab.com/sirenia/manatee/-/merge_requests/706)
- Plug vulnerability to keep dispatchers alive even in exceptional circumstances
- (https://gitlab.com/sirenia/manatee/-/merge_requests/705)
- Fix: Error on settings change
- (https://gitlab.com/sirenia/manatee/-/merge_requests/704)

Issues mentioned

- [#1162] Api support for setting krom popup behavior reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1162>)
- [#1161] Settings Update fails on 1.28 reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1161>)
- [#1159] IE one-and-only dispatcher crash reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1159>)

Changelog for v1.28.51 - v1.28.52

- Add stderr logging for the krom executable
- (https://gitlab.com/sirenia/manatee/-/merge_requests/710)

- Windowtrigger bug
- (https://gitlab.com/sirenia/manatee/-/merge_requests/709)

Issues mentioned

- [#1174] Krom stderr needs to be logged reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1174>)
- [#1172] Concurrency issue in ExpiringCache? reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1172>)

Changelog for v1.28.53 - v1.28.54

- Kill Krom on app disposed, fixes #1177
- (https://gitlab.com/sirenia/manatee/-/merge_requests/712)

Issues mentioned

- [#1177] Kill Krom when its hosting application exits (is disposed) reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1177>)

Changelog for v1.28.54 - v1.28.55

- Introduce a setting to toggle the killing of embedded browsers
- (https://gitlab.com/sirenia/manatee/-/merge_requests/713)
- Add Wait.for api method to wait for anything
- (https://gitlab.com/sirenia/manatee/-/merge_requests/711)

Issues mentioned

- [#1178] Consider putting the kill-krom-on-disconnect functionality behind a conf setting reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1178>)
- [#1166] Wait.for func reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1166>)
- [#8] Use WindowManagement to Claim windows. reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/8>)

Changelog for v1.28.55 - v1.28.56

- Fix: Expand color validation to include lowercase letters
- (https://gitlab.com/sirenia/manatee/-/merge_requests/716)
- When seeing a navigation event to "dialog:close" we'll close the dialog
- (https://gitlab.com/sirenia/manatee/-/merge_requests/715)
- Feature: Cache group name resolution
- (https://gitlab.com/sirenia/manatee/-/merge_requests/714)
- A bunch of Sticky UI/X improvements
- (https://gitlab.com/sirenia/manatee/-/merge_requests/708)

Issues mentioned

- [#1182] Allow closure of html dialog from inside the html part reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1182>)

Changelog for v1.28.56 - v1.28.57

- Feature: (1.27) Process taskkill
- (https://gitlab.com/sirenia/manatee/-/merge_requests/724)
- Retry deployment of anchors and interceptors
- (https://gitlab.com/sirenia/manatee/-/merge_requests/722)
- Add support for optical field details being communicated through the monitor websocket from cuesta
- (https://gitlab.com/sirenia/manatee/-/merge_requests/721)
- Fix: Attach detach performance
- (https://gitlab.com/sirenia/manatee/-/merge_requests/720)
- Fix: FAC initialization npe race
- (https://gitlab.com/sirenia/manatee/-/merge_requests/719)
- Feature: Sensitive logs
- (https://gitlab.com/sirenia/manatee/-/merge_requests/718)
- Add support for new navigated lifecycle trigger
- (https://gitlab.com/sirenia/manatee/-/merge_requests/717)

Issues mentioned

- [#1198] NPE when launching flows without arguments (eg from sticky action item) reported by @los-sirenia

- (<https://gitlab.com/sirenia/manatee/-/issues/1198>)
- [#1196] Easier access to taskkill reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1196>)
- [#1195] Injection of anchors/interceptors after page navigation often fails reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1195>)
- [#1186] Attached event fails when FAC is not yet instantiated reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1186>)
- [#1184] Trigger for browser navigation events reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1184>)
- [#1183] Cuesta Field editor highlight function does not work for secondary image locators reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1183>)
- [#1151] Profile and optimize launch/attachment speed for applications reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1151>)

Changelog for v1.28.57 - v1.28.58

- CI: Auto distribution to appcenter
- (https://gitlab.com/sirenia/manatee/-/merge_requests/729)
- Feature: Inspect includes children for native list
- (https://gitlab.com/sirenia/manatee/-/merge_requests/727)
- Feature: Event intercept flags for within window and focus
- (https://gitlab.com/sirenia/manatee/-/merge_requests/726)
- Fix bug preventing some flows from being started from a sticky
- (https://gitlab.com/sirenia/manatee/-/merge_requests/725)
- Show better error messages when connections between browsers and manatee fail
- (https://gitlab.com/sirenia/manatee/-/merge_requests/723)

Issues mentioned

- [#1201] Old-school MFC list-control (table-style) should be recursively inspected reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1201>)
- [#1199] Add support for fields in orphan UI (dynamics ax problem) reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1199>)

- [#1165] Support better error reporting from steller and cuesta when WS connections fail reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1165>)

Changelog for v1.28.58 - v1.28.59

- Feature: Click cell with offset
- (https://gitlab.com/sirenia/manatee/-/merge_requests/734)
- Fix bug in MQ publishing logic
- (https://gitlab.com/sirenia/manatee/-/merge_requests/733)
- Add configuration to allow automation and state transactions to run concurrently.
- (https://gitlab.com/sirenia/manatee/-/merge_requests/732)
- Fix: Misc estero fixes
- (https://gitlab.com/sirenia/manatee/-/merge_requests/731)
- Native driver: add support for orphan container indexing
- (https://gitlab.com/sirenia/manatee/-/merge_requests/730)
- Feature: Search in other windows operator for native fields
- (https://gitlab.com/sirenia/manatee/-/merge_requests/728)

Issues mentioned

- [#1206] Estero compat reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1206>)
- [#1205] Run flows concurrently with state changes reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1205>)
- [#1204] MQ service can't be used to send and trigger at the same time reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1204>)
- [#1199] Add support for fields in orphan UI (dynamics ax problem) reported by @los-sirenia
- (<https://gitlab.com/sirenia/manatee/-/issues/1199>)

Changelog for v1.28.59 - v1.28.60

- Make window match (title or name) match as regular expression in fields with window-matchers
- (https://gitlab.com/sirenia/manatee/-/merge_requests/737)

Issues mentioned

- [#1209] Window selectors should be regexes for native reported by @jonathan
- (<https://gitlab.com/sirenia/manatee/-/issues/1209>)

Changelog for v1.28.60 - v1.28.61

- Launch Cuesta from manatee right click menu
- (https://gitlab.com/sirenia/manatee/-/merge_requests/738)

Issues mentioned

- [#1204] MQ service can't be used to send and trigger at the same time reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1204>)

Changelog for v1.28.61 - v1.28.62

- Feature: Encoding option for fs read and write
- (https://gitlab.com/sirenia/manatee/-/merge_requests/739)

Issues mentioned

- [#1204] MQ service can't be used to send and trigger at the same time reported by @spiderdaimi
- (<https://gitlab.com/sirenia/manatee/-/issues/1204>)

Changelog for v1.28.62 - v1.28.63

- Add commandLine and fileName props to fix #1216
- (https://gitlab.com/sirenia/manatee/-/merge_requests/742)
- Fix: An NPE in the handling of streams, for #1215
- (https://gitlab.com/sirenia/manatee/-/merge_requests/741)
- Improve file input handling for hosted chrome applications
- (https://gitlab.com/sirenia/manatee/-/merge_requests/740)

Issues mentioned

- [#1216] ProcessProxy to use tools from attach reported by @jonathan
(<https://gitlab.com/sirenia/manatee/-/issues/1216>)
- [#1215] Manatee Fatal reported by @spiderdaimi
(<https://gitlab.com/sirenia/manatee/-/issues/1215>)
- [#1192] Support for setting file input value without focus in Krom reported by @los-sirenia
(<https://gitlab.com/sirenia/manatee/-/issues/1192>)