Apama Analytics Builder for Cumulocity IoT 10.3.1 Readme

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This file contains important information you must read before using Apama Analytics Builder for Cumulocity IoT 10.3.1. You can find system requirements, user documentation, and installation and upgrade instructions on the [Documentation website](#) or the [TECHcommunity website](#). At those locations, you can also find suite-related security and globalization information.

Included in this file is information about functionality that has been added, removed, deprecated, or changed for this product. Deprecated functionality continues to work and is supported by Software AG, but may be removed in a future release. Software AG recommends against using deprecated functionality in new projects.

1.0   Critical Information

This section lists any critical issues for the current release that were known when this readme was published. For critical information found later, go to the Knowledge Center on the [Empower website](#).

If upgrading an existing installation, at a minimum, any new configuration files need to be installed in `/usr/edge/properties/apama` - this can be achieved with these commands:

```
cd /usr/edge/properties/apama
unzip -n /opt/softwareag/cumulocity-apama-rules/deploy/*data.directory*.zip
```

You may wish to upgrade to newer versions of configuration files - this can be done by:

```
cd /usr/edge/properties/apama
unzip -o /opt/softwareag/cumulocity-apama-rules/deploy/*data.directory*.zip \
        config/connectivity/cepStreaming/cepStreaming.properties
```

You may then need to re-apply any customizations to these files.

Note that we do not support upgrading from preview releases.

2.0   Known Issues

This section lists any issues for the current release that were known when this readme was published. For known issues found later, go to the Knowledge Center on the [Empower website](#).

- PAB-105
  Input is not deleted with the DEL key when a sensor/fragment is selected for the device.
  In Internet Explorer only, the DEL key will not remove a block if the block has a datapoint/sensor configured.
  Use the **Delete** command in the block parameter editor to delete the block.

- PAB-144
  Tags input field has a jumpy cursor in Internet Explorer.
  In Internet Explorer only, the **Tags** input field in the Model Configuration dialog will move the cursor to the end of the input field on any keystroke. It is thus not possible to edit text in the middle of a tag.
  Delete from the right hand side to correct mistakes in the tag names.

- PAB-165
  Text box in Internet Explorer for Output Operation block can be very slow and the cursor flickers.
  In Internet Explorer only, if a block is positioned near the edge of the visible window, then when the block parameter editor is opened, text entry into text boxes can be very slow, and the mouse cursor will flicker.
  This can be avoided by dragging the canvas to scroll the model so that the block is near the middle of the window.

- PAB-161

  Issues while editing the group name when using the zoom buttons.
  The input field for editing a group name can be mispositioned when using zoom controls. If the model is zoomed out, then the input field will be rendered larger than the group. If the zoom buttons are used while the input field for the group label is visible, the input field will not zoom in or out with the rest of the canvas.
  Close the input field for the group name before using the zoom buttons, and avoid editing group names if zoomed to less than 100%.

3.0   Usage Notes

This section provides any additional information you need to work with the current release of this product.

- PAB-169

  Validation of block parameters only occurs when a model is marked as Active.
  The only validation that the model editor will perform is whether required block parameters are filled in. Validation of the value of block parameters occurs when a model is marked as Active. If there are issues, the model manager will display an error and move the model to the Inactive state. Use the model manager's Active button in test mode to check the correctness of block parameters.

- PAB-170

  Model editor always uses English locale for numbers.
  Numeric values must be specified using a period (.) for a decimal point (not required for whole numbers), and they must not contain a thousands separator. Scientific notation may be used (for example, "1e3" is 1000).

- PAB-25

  New/deleted devices are not refreshed and need the model editor to be reopened.
  If devices are added or removed from the inventory in Cumulocity, this is not shown in the model editor while it is active. Click X to leave the model editor and thus to return to the model manager. Then edit the model again to re-load the devices in the model editor if required.

- PAB-21

  Unsaved models should be prompted to save on URL change.
  If you change a model in the model editor, then navigating using the browser's back button or editing the URL of the browser may result in losing changes. Save the model before performing such operations.

- PAB-319

  Gradient block with unbounded window generates output repeatedly.
  If a Gradient block is used with no window duration set (that is, with an unbounded window) and a single value is sent to the input, then it will correctly generate a '0' output (as there is no change in the gradient of the input), but will re-send this output every 1 second, even though it is unchanging. This can cause unnecessary block evaluations or output in a model.

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