

## Lookup Editor - Bug #2369

### Time values are not converted properly

03/07/2019 05:44 PM - Luke Murphey

<b>Status:</b>	Closed	<b>Start date:</b>	03/07/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Luke Murphey	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.2.1		
<b>Description</b> <a href="https://github.com/LukeMurphey/lookup-editor/issues/39">https://github.com/LukeMurphey/lookup-editor/issues/39</a>			
<b>Related issues:</b> Copied to Lookup Editor - Bug #2387: Time values are not converted properly f... <span style="float: right;"><b>Closed</b>    <b>03/07/2019</b></span>			

#### Associated revisions

##### Revision 562 - 03/07/2019 09:54 PM - lukemurphey

Fixing issue where the time values were getting converted incorrectly

Reference #2369

##### Revision 565 - 03/08/2019 04:44 AM - lukemurphey

Fixed time conversion issues with CSV lookups

Reference #2369

##### Revision 566 - 03/08/2019 04:44 AM - lukemurphey

Fixed time conversion issues with CSV lookups

Reference #2369

#### History

##### #1 - 03/07/2019 05:55 PM - Luke Murphey

- makeRowJSON
- timeRenderer

##### #2 - 03/07/2019 06:13 PM - Luke Murphey

###### Questions:

- What happens when a string value is supplied?
- What happens when an epoch is provided?
- **[Answered]** How does includes\_microseconds get set?
  - lookupRenderer(): when it sees \_time
  - getDefaultEditor(): when it sees \_time
- Does formatTime get called with microseconds upon load?
- What happens when formatTime is told to use microseconds?
  - It edits correctly but gets the wrong value when the lookup is reloaded
  - It appears to load a ms value
  - It also converts the value to ms when it posts to the endpoint
- **[Answered]** Where does formatTime get called?
  - getTimeRenderer()

- getDefaultEditor(): may only apply to CSVs though
- **[Answered]** What the use cases?
  - [https://lukemurphey.net/projects/splunk-lookup-editor/wiki/Test\\_Plan#section-4](https://lukemurphey.net/projects/splunk-lookup-editor/wiki/Test_Plan#section-4)
- Is formatTime() correct to multiply the time by 1000 when it include ms?

#### Observations:

- **[Fixed]** Editing is saving the value with microseconds
- The initial load is assuming that the values include microseconds
- moment assumes that a provided integer has microseconds
- Entering an epoch causes two posts
- Double post is not due to timeRenderer() nor makeRowJSON() changing the time value nor the editor (assigned in "editor:")
- lookupRenderer() is not used for KV lookups
- Getting a source of timeValidator for the second post
- formatTime() is getting the string value in string format that has already been converted
- formatTime() is doing the right thing upon editing
- The persisting to the KVstore collection isn't causing the problem
- Not setting the column type to "time" in TableEditorView::getColumnsMetadata()
- There is a correctTime format option: <https://handsontable.com/docs/7.0.0/demo-time.html>

#### #3 - 03/08/2019 04:49 AM - Luke Murphey

- % Done changed from 0 to 100

#### #4 - 03/08/2019 05:04 AM - Luke Murphey

- Status changed from New to Closed

#### #5 - 05/01/2019 07:10 PM - Luke Murphey

- Copied to Bug #2387: Time values are not converted properly for KV store lookups added