API Standard v02.12 Comments Report

Action Taken: Accepted
Comment ID: 1
Comentor Link: 1

Page
Paragraph
Comment: There is no way to see when a DATAKEY is changed out in the CMU as this isn't a latched event for the API. There needs to be a call to the API to check it.
Response: Added function fio_fiod_cmu_config_change_count(3fio) which can be called by applications to determine if the configuration has changed.
Status: Closed

Action Taken: Accepted
Comment ID: 2
Comentor Link: 1

Page
Paragraph
Comment: Frame 66 needs time zone info. The app should inform the api of the timezone.
Response: Added function fio_set_local_time_offset(3fio) which can be called by applications to set the time offset in the field I/O manager so that local time is communicated to the field devices.
Status: Closed
Specific values (enumerated types) are not defined for FIO_COLOR. FIO_COLOR should be defined as:

```c
enum
{
    FIO_GREEN,
    FIO_YELLOW,
    FIO_RED
}
FIO_COLOR;
```

Response: Formal type definitions and global data items were added to the function descriptions throughout Section 4.2.

Status: Closed

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FIO_PORT is not definitively defined. The values to be supported are SP3, SP5 and SP8 but there are no enumerated types for these values. FIO_PORT should be defined as:

```c
enum
{
    FIO_SP3,
    FIO_SP5,
    FIO_SP8
}
FIO_PORT;
```

Response: Formal type definitions and global data items were added to the function descriptions throughout Section 4.2.

Status: Closed
<table>
<thead>
<tr>
<th>Action Taken</th>
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<td>6</td>
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<tr>
<td>Commentor Link</td>
<td>2</td>
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<tr>
<td>Page Paragraph</td>
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<tr>
<td>Comment</td>
<td>The data type for FIO_HZ is not defined. Not sure what the data type should be, in all likelihood it needs to be a int or long.</td>
</tr>
<tr>
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<td>Formal type definitions and global data items were added to the function descriptions throughout Section 4.2.</td>
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<td>3</td>
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<tr>
<td>Comment</td>
<td>The standard should be reviewed to make sure that all of the enums and constants that are used in the API specifications are actually defined in the standard. Cannot depend on the header files to define these values.</td>
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<td>Response</td>
<td>Formal type definitions and global data items were added to the function descriptions throughout Section 4.2.</td>
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<tr>
<td>Comment</td>
<td>In the description of fio_fiod_inputs_trans_read, the following text does not need to be underlined: &quot;or to 127 to indicate timestamp rollover (if timestamp rollover is reported by the FIOD)&quot;</td>
</tr>
<tr>
<td>Response</td>
<td>Change made as described.</td>
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**Action Taken**  
Rejected

**Comment ID**  
3

**Commentor Link**  
1

**Page**

**Paragraph**

**Comment**  
Need a method added to adjust the baud rate.

**Response**  
The FIO API does not open any serial communications port or initiate communications to any FIOD unless explicitly commanded to do so by an application program using the `fio_fiod_enable` function.

The FIO API supports the FIOD types listed by `FIO_DEVICE_TYPE`. The FIO API assumes that BIU and MMU FIODs operate at 153.6 Kbps and all other FIOD types operate at 614.4 Kbps.

**Status**  
Closed