



7/26/2018

[#PDS-493] Transcoder: Multi-line comments create an issue when reading PDS3 labels

|   |   |           |             |
|---|---|-----------|-------------|
| [PDS-493] Transcoder: Multi-line comments create an issue when reading PDS3 labels Created: 2017-03-23 Updated: 2018-07-26 Resolved: 2018-07-26 |   |           |             |
| Status:   | Resolved  |           |             |
| Project:  | PDS4 Software   |           |             |
| Component/s:  | Preparation   |           |             |
| Affects Version/s:  | 7.0.0   |           |             |
| Fix Version/s:  | 9.0.0   |           |             |
|   |   |           |             |
| Type:   | Bug   | Priority: | Major       |
| Reporter:   | Sean Hardman  | Assignee: | Steve Levoe |
| Resolution:   | Fixed   | Votes:    | 0           |
| Labels:   | None  |           |             |
| Remaining Estimate:   | 2 days  |           |             |
| Time Spent:   | Not Specified   |           |             |
| Original Estimate:  | 2 days  |           |             |
| Environment:  | N/A   |           |             |
|   |   |           |             |
| Attachments:  |  ahalebp-1.lbl  ahalebp-3.lbl |           |             |

Description

Here is the issue as described by the IPDA folks:

Some PSA PDS3 label files have comments that span multiple lines. In these cases the line directly after the closing of the comment is not included in the Document object created when calling the PDSLabelToDOM.getDocument() method. E.g. PRODUCT\_ID will be ignored in the following example:

```
/*
  Data Pointers
  ===== */
^BROWSE_IMAGE           = "HMC01923B.JPG" "
```

A couple of example labels are attached.

Comments

Comment by Michael Cayanan [2017-03-23]

I've attached several example labels to the ticket. The multi-line comments are in different places within the label for testing purposes. The label, named ahalebp-1.lbl, has a multi-line comment just above the ^IMAGE pointer. The label, named ahalebp-3.lbl, has a multi-line comment just above the START\_TIME statement.

Comment by Michael Cayanan [2018-07-26]

Resolved using an updated version of the VicarIO library (version 4.2)

```
$ ./generate -p ~/test-data/generate/PDS-493/ahalebp-1.lbl -t ~/test-data/generate/PDS-493/generic-pds3_to_pds4.vm
New PDS4 Label: /Users/mcayanan/test-data/generate/PDS-493/ahalebp-1.xml

$ ./generate -p ~/test-data/generate/PDS-493/ahalebp-3.lbl -t ~/test-data/generate/PDS-493/generic-pds3_to_pds4.vm
New PDS4 Label: /Users/mcayanan/test-data/generate/PDS-493/ahalebp-3.xml

$ more ~/test-data/generate/PDS-493/ahalebp-1.xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>

<?xml-model href="https://pds.nasa.gov/pds4/pds/v1/PDS4_PDS_1A10.sch"
  schematypens="http://purl.oclc.org/dsdl/schematron"?>

<Product_Observational xmlns="http://pds.nasa.gov/pds4/pds/v1"
  xmlns:pds="http://pds.nasa.gov/pds4/pds/v1"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://pds.nasa.gov/pds4/pds/v1 https://pds.nasa.gov/pds4/pds/v1/PDS4_PDS_1A10.xsd">
  <Identification Area>
```

