

# DCMTK - Bug #1188

## Assertion failure in JPEG-LS encoder

2026-01-28 13:21 - Marco Eichelberg

<b>Status:</b>	New	<b>Start date:</b>	2026-01-28
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Library and Apps	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	3.7.1	<b>Compiler:</b>	
<b>Module:</b>	dcmapps, dcmjpls		
<b>Operating System:</b>			

**Description**

The JPEG-LS encoder in module dcmjpls crashes with an assertion failure when the following command line is executed:

```
dcm2img --write-jpls --true-lossless ct_acme.dcm ct_acme.jls
```

The failed assertion is located in dcmjpls/libcharls/deftrajt.h:85:

```
ASSERT (ABS (Errval) <= RANGE) ;
```

In this case, RANGE is 16384 and Errval is 64512.

### Files

ct\_acme.dcm

514 KB

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Marco Eichelberg