

Documentation For log_stats.tcl, OB5 release October 8, 2004

1.0 General Information

This tcl script was developed during the alpha testing of the OB4 shefdecoders as a way to check on the performance of the decoders. This script is meant to be run manually. The user simply provides the name of one of the shefdecoders daily log files and the summary information is written to the screen.

2.0 User How-To

To run this application:

- rlogin ax or ssh ax
- cd /rfc_arc/scripts/decoders
- log_stats.tcl "path/filename"
where path is either /rfc_arc/logs/decoder/raw/logs or /rfc_arc/logs/decoder/processed/logs,
and filename is shef_decode_raw_log_mmdd or shef_decoder_pro_log_mmdd, (mmdd is 2-
digit month and 2-digit day of file of interest, ex. 1004)

Example execution and output

```
ax-xxx> log_stats.tcl /rfc_arc/logs/decoder/raw/logs/shef_decode_raw_log_1004 ]Enter]
```

Input file: /rfc_arc/logs/decoder/raw/logs/shef_decode_raw_log_1004

Number of Products = 2663
Number of records Processed = 264677
Avg Parse time = 0.00 seconds
Avg Post time = 3.83 seconds

Max Parse Time = 1 seconds
Max Post Time = 354 seconds

From the above information one can calculate the number of records posted per second; = (Number of records processed divided by Number of products) divided by average post time.

$$\frac{264677}{2663} = 99.39 \text{ records/products}$$

$$\frac{99.39}{3.83} = 25.95 \sim 26 \text{ records/second posted}$$

Information provided by OHD/HL indicates that rates for records/second posted of greater than 10 is good.

3.0 Troubleshooting Information

If the script or application fails, contact the RFC Support Group.

4.0 Maintenance Information

Originating Programmer/Office: Northwest River Forecast Center
Portland, OR

Maintenance programmer/Office: Meyer, A. Juliann
Missouri Basin River Forecast Center
Pleasant Hill MO