

LogHarbour: logging - Task #28318

Fix consumer hanging when Kafka becomes unreachable

02/07/2025 01:06 AM - Sachin Divekar

Status:	Closed	Start date:	02/07/2025
Priority:	Normal	Due date:	
Assignee:	Sachin Divekar	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			
<b>Description</b>  When Kafka connection was lost, the consumer goroutine exits but the main process continues running indefinitely. As a quick fix exit the process in such case so that k8s/systemd would restart it automatically.  In the future implement a proper circuit breaker.			

Associated revisions

Revision 1ad3c816 - 02/07/2025 01:07 AM - Sachin Divekar

Fix consumer hanging when Kafka becomes unreachable #28318

Previously, when Kafka connection was lost, the consumer goroutine would exit but the main process continued running indefinitely. This made the consumer appear healthy to monitoring systems while doing no actual work.

- Modified handleErrors to return a channel signaling when consumer dies
- Main function now monitors for consumer death via select statement
- Process exits with code 1 when consumer stops unexpectedly

TODO: Future enhancement to add retry mechanism with exponential backoff instead of immediate exit.

History

#1 - 02/07/2025 01:08 AM - Sachin Divekar

- % Done changed from 0 to 100
- Status changed from New to In Progress

#2 - 02/07/2025 01:08 AM - Sachin Divekar

- Status changed from In Progress to Closed