**Hot Potato**

The Hot Potato is the anti-pattern that describes when a messaging server continues to send a message that cannot be acknowledged by a consumer because the transaction keeps failing.

**Problem**

imageMessaging servers redeliver messages until they receive an acknowledgement from a consumer.

imageA transaction that rolls back on each attempt may not acknowledge the message, causing a continuous resend (loop).

**Symptoms and Consequences**

imageThis is an infinite loop.

imageThe system shows high utilization but low throughput.

**Solution**

imageIf a transaction rolls back, acknowledge the message and forward it through another means (e-mail or to an error destination) for problem resolution.

imageImplement a resend threshold on the messaging server. When the threshold is reached, reassign the message to a dead-letter queue.