# CWE Detail – CWE-619

## Description

If a database cursor is not closed properly, then it could become accessible to other users while retaining the same privileges that were originally assigned, leaving the cursor "dangling."

## Extended Description

For example, an improper dangling cursor could arise from unhandled exceptions. The impact of the issue depends on the cursor's role, but SQL injection attacks are commonly possible.

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## Modes of Introduction

**•** Implementation: This issue is currently reported for unhandled exceptions, but it is theoretically possible any time the programmer does not close the cursor at the proper time.

## Common Consequences

**•** Impact: Read Application Data, Modify Application Data — Notes:

## Potential Mitigations

**•** Implementation: Close cursors immediately after access to them is complete. Ensure that you close cursors if exceptions occur. (Effectiveness: N/A)

## Applicable Platforms

**•** SQL (Class: None, Prevalence: Undetermined)