

What is the algorithm used by the ENCODE() 4GL function?

Environment Progress 8.x
Progress 9.x
OpenEdge 10.x
All Supported Operating Systems

Question/Problem Description What is the algorithm used by the ENCODE() 4GL function?
Does the ABL ENCODE() function use industry standard hashing algorithms?

Clarifying Information

Error Message

Defect/Enhancement Number

Cause

Resolution

The algorithm used by the ENCODE() 4GL function is not publicly available.

A common question that is asked about the ENCODE function with regards to industry defined security standards (for example the PCI DSS standards) is whether the ENCODE function uses one of the recognized hashing algorithms.

The answer to this is that it does not do so.

Workaround

Notes References to Written Documentation:

Progress Solutions:

[21685, "4GL. The one way uniqueness of the Progress® 4GL ENCODE function"](#)
[P19405, "Is there a way to encrypt data in a table?"](#)

Attachment