ABSTRACT OF THE DISCLOSURE

METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR MODEL
BASED TRACEABILITY

A model based traceability framework is provided in
an integrated development environment. The model based
framework is embeddable, or deployable, in any
application or plugin within the integrated development
environment. A database provides scalable persistence of
the model and traceability links created using the model.
The framework comprises an underlying model that is
created by an administrator through a table schema.
Tools using the framework allow the creation and
management of traceability links, which may be created
during code generation or manually through a user
interface. An administrator manages the model by
creating and maintaining artifact information,
traceability link types, and traceability link
information in tables. A traceability tool, which may a
standalone application or a plugin to an existing tool,
allows users to create, update, and delete traceability
links. The traceability tool may also allow users to
query traceability links.

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