

CA SERVICES:

Data Integrity Assurance for CA Clarity PPM

Data Integrity Assurance for CA Clarity™ PPM



What it does

Data Integrity Assurance for CA Clarity™ PPM helps CA Clarity PPM administrators identify and correct data entries that violate defined criteria. The criteria for data integrity are defined within 52 configurable business rules that can be modified, activated or deactivated to meet requirements. When violations to business rules occur, the offending data is displayed in portlets where users and administrators can address issues.

For example, business rules can be invoked to:

- Assess whether the proper charge code definition for projects is included so that timesheets are processed appropriately
- Confirm that the correct subset of resources is open for time entry
- Confirm that projects are present in specified organization breakdown structure (OBS) definitions
- Identify active users mistakenly omitted from a certain required security group
- Identify active projects which are open for time entry but lack an approved budget plan

Many of the pre-defined business rules evaluate data integrity for finance-related fields and span resource and project financial enablement, transaction characteristics, charge codes, input types, currency codes and entity configurations.

Benefits that deliver value

Data Integrity Assurance for CA Clarity PPM:

- Improves the processes for monitoring data quality and compliance with business requirements
- Improves productivity of CA Clarity PPM users and administrators by reducing effort to address data entry errors and omissions
- Enhances accuracy of reporting and analysis of CA Clarity PPM data

How it works

The solution includes the following technologies:

- 52 predefined configurable business rules
- A stored procedure and a job to call the stored procedure
- A workflow process to check project completeness based on rules stored in the object

- Two NSQL portlets
 1. The Data Errors portlet, intended for administrators or project teams, shows data sorted by primary responsible party.
 2. The My Data Errors portlet, intended for end users, shows only data for the active user.
 - Each portlet contains a row for each instance of non-compliant data, a descriptive error message, a description of error symptoms, an error severity and information about the object instance (business rule) that is in violation.
- Installation files and documentation
- A test plan that covers 67 specific use cases
- Up to two hours of remote professional services related to installation, setup, testing and use

After installation, a CA Clarity PPM job is run to invoke the SQL stored procedure. This job can be scheduled to run as needed. The SQL stored procedure checks for inconsistent data based on the business rules defined in the custom object. Data which do not meet criteria defined in the business rules are stored in a permanent table.

If enabled for a project, the workflow notifies project managers about erroneous or missing data that requires remediation.

Technical prerequisites

- OS Support: Linux, UNIX, AIX, Microsoft Windows
- Database Support: Microsoft SQL Server, Oracle Server
- CA Clarity PPM version 8.1fp03 or higher
- Language: English.
 - The object attribute labels, error messages, error symptom descriptions, portlet titles, portlet descriptions and column labels can be translated into other languages using out-of-the-box CA Clarity PPM functionality. The predefined rules, database script and portlet NSQL queries are in English and cannot be translated because the database server language must be English for the NSQL queries to compile.