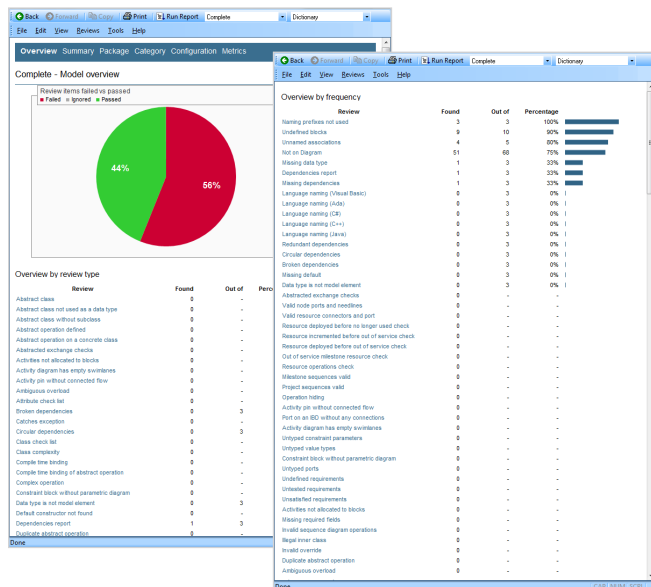


PTC Integrity Modeler™ Reviewer™

PTC Integrity Modeler Reviewer checks models for completeness, correctness and consistency. Errors can be located earlier, allowing for robustness in the design.

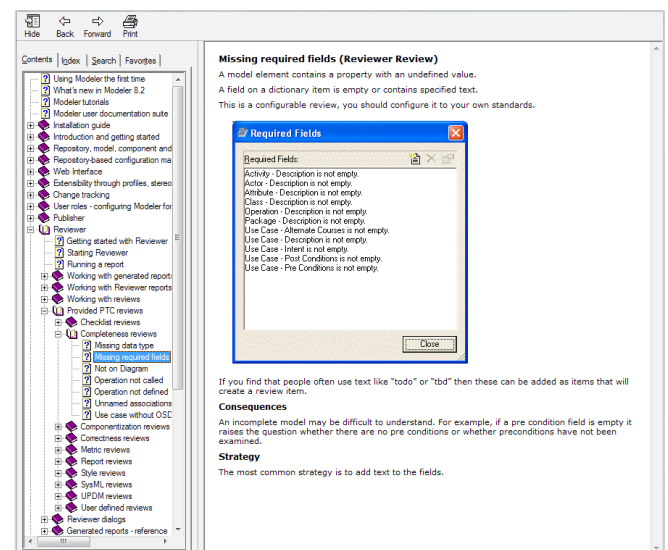
Quick and Effective assessment of the correctness and completeness of PTC Integrity Modeler designs is necessary to delivering high quality systems and software. Large projects with architects, systems and software engineers all using one modeling tool make it critically important to extract management statistics to track the progress being made.



Reviewer Management Dashboard - showing model completeness and correctness.

PTC Integrity Modeler Reviewer provides the reviews necessary to implement good modeling standards. It reviews quality, correctness, completeness, componentization and style based upon your UML, SysML and UPDM designs within PTC Modeler models.

It is widely recognized that the time taken to fix errors late in project lifecycle takes much longer and costs considerably more; but sometimes it is difficult to find or justify the time to manually check every detail early on. PTC Integrity Modeler Reviewer removes the need for this manual task and replaces it with an automated, configurable one.



Missing required fields (Reviewer Review)

A model element contains a property with an undefined value. A field on a dictionary item is empty or contains specified text. This is a configurable item, you should configure it to your own standards.

Required Fields

- Activity - Description is not empty.
- Actor - Description is not empty.
- Attribute - Description is not empty.
- Class - Description is not empty.
- Exception - Description is not empty.
- Package - Description is not empty.
- Use Case - Alternate Executes is not empty.
- Use Case - Description is not empty.
- Use Case - Intent is not empty.
- Use Case - Post Conditions is not empty.
- Use Case - Pre Conditions is not empty.

If you find that people often use text like "todo" or "tbd" then these can be added as items that will create a review item.

Consequences

An incomplete model may be difficult to understand. For example, if a pre condition field is empty it raises the question whether there are no pre conditions or whether preconditions have not been examined.

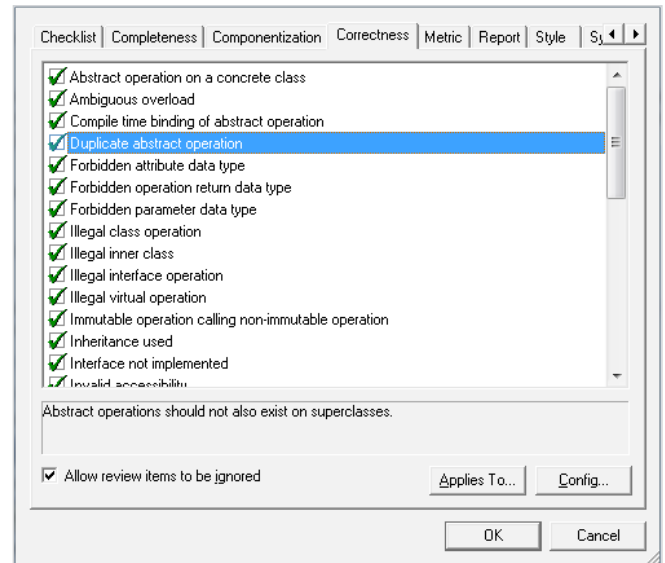
Strategy

The most common strategy is to add text to the fields.

On the job, active mentoring for new and infrequent modelers.

PTC Integrity Modeler Reviewer is a powerful design reviewer that is integrated with PTC Integrity Modeler

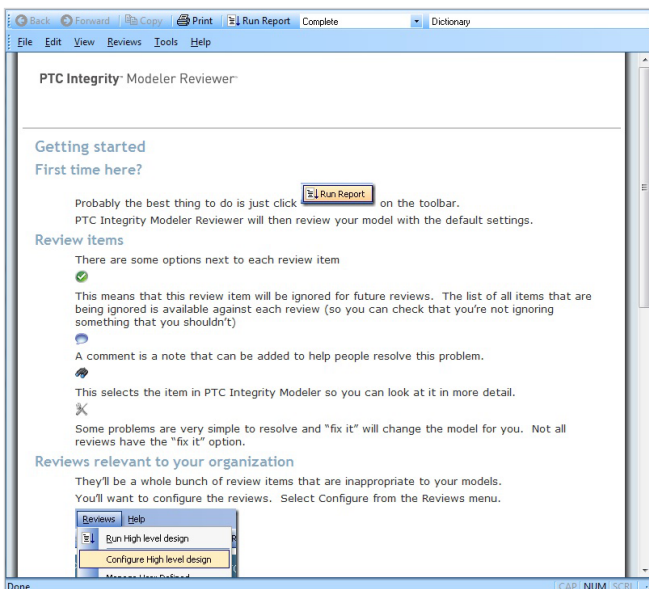
- Streamline implementation with 100+ out-of-the box, UPDM, SysML & UML design reviews
- Reduce training time by configuring the browser to suit company's best practices
- Identify design problems early with reports detailing errors and warnings
- Document and communicate best practices with summary and detailed reports for management and engineers
- Reduce review and design time by up to 30% with identified errors, the consequences of not correcting them & design patterns/strategies for correction
- Fully flexible through the addition of user defined reviews
- Achieve consistency between engineers and across models with documented design standards.



Configure review reports and individual reviews, optionally adding new reviews.

PTC Integrity Modeler Reviewer is invaluable to project managers and engineers of all disciplines. Managers no longer have to estimate the design status. Architects, systems and software engineers have continuous mentoring and support. Up to 32% of project time spent reviewing large models, will now only take minutes to review, with easily navigated results.

Previous knowledge of PTC Integrity Modeler is not required. This management tool has an intuitive easy to use web based browser that provides all you need to measure the quality of your design, to identify design faults quickly and easily. With active mentoring, reliance on experts is reduced and engineers will have direct access to the consequences and strategies associated with each reported error.



Simple user interface with 'One Button' review.

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