ARTERIS IP
Magillem IP Deployment Division

RESOLVE CHALLENGES OF HETEROGENEOUS CONTENT MANAGEMENT

CHALLENGE

- Increased project complexity due to heterogeneity of formats, tools, models, and compilers
- Retrieving all relevant information for data-driven decision making
- Avoiding disruptions caused when deploying most of PLM development systems

BENEFITS

- Allows connections across heterogeneous content, data types, and formats.
- Improve collaborative work,
- Minimize duplication, [More...]

SOLUTIONS

- A true publishing environment including a hub of links that keeps all content chunks from all sources untouched but fully synchronized
- Collaborative, versatile publishing capability for multiple targets

RELATED RESOURCES

- Magillem Content Publisher (MCP)
- Magillem Crystal Bulb (MCB)
- Magillem Link Tracer (MLT) [More...]

Contact us for more information

FOR MORE INFORMATION

To address effectively increasing project complexity and shorter time-to-market as well as heavier, costly certification requests, companies must encompass all document types created during the project lifecycle: requirements, models, design specifications, project documentation, or test plans.

The information elements to trace are voluminous, interdependent, and keep changing. In order to ensure the system, information must be traced from the initial customer requirements down to the implementation, through the various development activities. This implies being able to relate heterogeneous information, manage voluminous information and deal with ongoing modifications of requirements or product lifecycle management. In this context, linking documents is unfortunately often managed through a tedious, manual process which is error-prone and risks breaking the consistency of documentation sources. Any change made to the design documents can generate discrepancies between the system developed and its upfront requirements. Moreover, the links that connect all the information pieces together are often loose and semantically limited in scope.

To resolve this consistency and scalability challenge, Magillem provides Magillem ISDD®, which enables users to manage and trace all information pieces through the various development activities, regardless of the formalism used. All content pieces are tightly connected via a hub of links, their updates are precisely traced and changes are automatically propagated across the various content components that make up the information repository. For example, using Magillem ISDD® enables you to:

- Locate where a given component is used in the design files
- Access design descriptions with detailed information about the function and the characteristics of each component
- Identify the hardware requirements matching a given component
- Identify the sub-system requirements and the specifications underlying each component