

Labnaf Features

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Unified Transformation Environment for Cross-dicipline Collaboration

Unified Framework: Process, language, tool, dashboards, database, free documentation

Unified Disciplines: Strategy, Enterprise Architectre, Solution Architecture, Governance

Integrates with Analysis, Design And Implementation in a same repository (Labnaf + UML)

20+ standards semantically merged, corrected, and completed using systems semantics: ArchiMate, BPMN, PESTEL Analysis, Porter's Five Forces Analysis, Value Proposition Canvas, Business Model Canvas, Strategy Map & Balanced Scorecard, SAFe, Gartner EA Stage Planning, BIZBOK, ISO/IEC/IEEE 42010, TOGAF, ISO27000, GDPR ...

40+ portfolio catalogs integrated in a single repository and tools

20+ powerful dashboards to facilitate optimal decision-making

70+ viewpoints orchestrated by an end-to-end transformation process and by scenarios

IT4IT Strategy to Portflio refined, fully implemented and made actionable

Built upon the most ubiquitous modeling platform (Sparx Systems Enterprise Architect: 800 000 users worldwide)

Ubiquitous Sparx Systems Enterprise Architect expertise

Competitive pricing

Tools and Repositories

Rich startup repository with template structure and placeholders. Used for modeling organizations of any size and complexity

Sample repository

Documentation model repository

On-premises or SaaS

Portfolios management can support large organizations with sub-organizations, distribution of responsibilities across architecture segments, all in a secure fashion (Read / Read-Write).

Virtual catalogs that can span multiple packages with auto-generated content selection (used for report generation, exports, calculation, diagram generation, implicit connector generation, charts and dashboards)

Modeling and Data Entry

Enterprise Description modeling (Information, Business capabilities, Processes, Applications, Technologies, Equipment, Physical Material)

Sensitive data classificaton and risk management

Strategy Definition and Strategy Execution modeling

Solution Architecture modeling

Architecture Management modeling

Governance rules modeling

Mini CMDB for small and medium organizations

Create elements and connectors with or without diagrams

Generate key diagrams (on demand or periodically)

Create versions and merge

Create serachable temporary trace connectors

Add auto-coloring legends from library

Generate implicit connectors

Generate implicit information security requirements

Model Navigation, Impact Analysis and Queries

50+ dynamic searches for analyzing portfolio

Scope of Labnaf processing: Excel and CSV report generation, cascaded value calculations, and chart generation apply to a selection of elements of your choice

- for elements or packages selected in the project browser,
- or for elements or packages selected in the active diagram,
- or for elements and packages present in a "scope" diagram that belongs to each template,
- or based on a specific SQL select defined in each template,
- or for the entire catalog for the selected object/element type (default).

Web-based search and navigation using Prolaborate extension

Built-in Enterprise Architect trace capabilities

Coming soon: Natural language queries

Dashboards and Charts / Role (In Sparx EA Models and in Prolaborate Web Interface)

Digital Enterprise Management Cockpit

Enterprise Functions (Business Capabilities)

Application Catalog

Application Lifecycle

Application Value vs Cost

Application Availability

Application Documentation

360° View on Sensible Information Usage & Risks

Strategy Definition
Strategy Execution
Project-Solution Architecture Governance
Architecture Management
Other Publication and Export Mechanisms (Periodical or on demand)
Rich Excel and CSV report generation including connections, consolidated/indirect connections, color grading, grouping, filters. Generation based on templates stored in the repository or custom reports. Quick, user-friendly, and flexible
Word, PDF, RTF Document Modeling and Generation including predefined templates
HTML web site generation
Backup
Content Import, Enrichment & Optimization (Periodical or on demand)
Excel and CSV import (create, update, identifying elements following multiple criteria). Use internal and/or external primary keys.
Easily adapting to your systems-specific character set/code page and column separators
Cascaded value calculations from very simple to very complex functions combining properties, connections, and time series
Implicit data generation including connectors, sensitive information requirements, scope of data processing (ISO 27000, NISDUC and GDPR)
Application Portfolio Diagram Generation following templates
Merge Versions of Elements & Connectors (merge redundant items)
Quick update of a same property for a selected list of elements or packages (Excel Export with direct Update & Import)
Model validation and error message distribution
Quickly add (auto diagram-coloring) legends to one or multiple diagrams in a row using the legend library management features
See also "Integration with other tools"
Model Reviews and Discussions (Choose your preferred mechanism)
Email discussion from generated web site (no license needed)
Web-based collaboration using Prolaborate extension
Using Enterprise Architect UI (for Sparx EA users only - no additional license needed)
Customization
Configurable and dynamic metamodels expressed in the end user Labnaf language itself.
Updated in two clicks (the rules and the documentation are one and the same thing)
Standard default metamodel reconciling 20+ standards and best practices
Standard metamodel derived from precise systems semantics
User-defined Metamodel Example step by step (example from scratch)
Instant Metamodel Manager (adapt, upgrade, merge a metamodel in a few clicks)
Instant Metadata Manager (add/rename/delete/synchronze element properties in a few clicks)
Model off-line with the last version of the shared customizations even when creating new local empty repositories
Viewpoints: Iteratively increase viewpoints and levels of details following needs and available resources
Customization Workbench: Advanced customizations of the the language, toolboxes, diagram types... Includes stafing environment (Dev/Test/Prod)
Mass Language Transformation / Adapt Existing Repository Content
Import and transform content from any language to any language in your existing repository
Change diagram type & stereotype
Change element type & stereotype
Change connector type & stereotype
Add, rename, delete tagged values (properties)
Synchronize default child diagram type following MDG definition
Transformation Process
Single actionable process reconciling 20+ standards and best practices
Transformation process organized as a sequence of viewpoints at three levels of detail
Process fully documented and navigable using models, web site, videos and office documents
Content Structure and Formalization (Managing complexity)
Predefined and customizable repository structure providing several levels of detail
End to end traceability across enterprise description, strategy and projects at any desired level of detail
Enterprise description contains portfolios that in turn contain viewpoints and catalogs that in turn contain elements
Model elements representing several levels of detail following needs and resource availability
Viewpoints organized as a three levels hierarchy
Structure based on Systems Semantics (vs approximative architecture organization defined in the nineties)
Content structure formalized and documented using models
Governance (examples)
All Dashboard (Prolaborate and Sparx EA)
Governance dashboards : When and for whom the transformation process (Example)
Information & Security Requirements Dashboard
Application documentation completion and dashboards (Example)

Projects architecture completion dashboard (Example)
Individual Project/Solution Architecture Completions and dashboards (Example)
Mandatory Solution Architecture Viewpoints following configurable scenarios (Example)
Individual responsibilities (Example)
Model validation and error message distribution
Underlying Sparx EA and Prolaborate Features Technical Features
Authentication & Authorization
Username/password pair or Single Sign-on using Active Directory or OpenID
Authorisation and Role-based dashboards
Role-based access control of user interface features
Folder, element and diagram locking at user level, user group level or repository level
Role-based access control of dashboards and specific properties using Prolaborate extension
Integrate data from external providers
Application Lifecycle Management (formerly HP Quality Center)
Jazz (interacts with:
IBM Rational DOORS Next Generation's requirements management tool
Rational Rhapsody Design Management (DM)
Rational Team Concert Change and Configuration Management (CCM)
Rational Quality Manager (QM)
Jira
Confluence
Team Foundation Server
Wrike
ServiceNow
Autodesk
Bugzilla
Salesforce
SharePoint
Dropbox
Documentation
Labnaf Framework Overview Presentation
Labnaf Framework Overview Document (60+ pages)
Labnaf End User Navigable Guidance
Labnaf Framework Educational Documents
Software Installation and User Guides