



SOFTWARE AG AND ALFABET PROVIDE END-TO-END SOA GOVERNANCE

CLOSING THE GAP BETWEEN IT RESOURCE PLANNING AND SERVICE-ORIENTED ARCHITECTURE DESIGN



In implementing advanced Service Oriented Architecture solutions, enterprises are challenged by many issues: the full integration of existing applications and systems, restructuring the organization into business domains, identifying SOA-relevant business services, composing SOA processes and measuring SOA performance. Enterprises realize that their SOA efforts will provide a significant return on investment when basic enterprise architecture and SOA governance procedures are firmly in place.

The challenge has been how to bridge the gap between these two highly valuable initiatives and thereby maximise the potential of the organization and the technology it possesses. IT resource planning and deploying an SOA have until now been two disconnected processes, resulting in inefficient

planning and management for service-oriented environments.

With the integration of planningIT and CentraSite™* these inefficiencies have been eliminated, resulting in better ROI for organizations. planningIT is a leading solution for the planning and management of the enterprise architecture. CentraSite (a joint development with Fujitsu) is an acclaimed SOA registry and repository for design and runtime governance. The planningIT/CentraSite solution provides a closed-loop process for planning, designing and running SOA infrastructures.

IT Planning and SOA: maintaining control over service proliferation

In the service planning phase, service requests go through planningIT's rigorous de-

* Co-developed by Software AG and Fujitsu

Benefits

The CentraSite/ planningIT solution provides end-to-end SOA Governance via:

- Complete transparency at every stage of the service lifecycle
- Controlled environment for service creation
- Discovery of 'rogue' services
- Monitoring of service development costs
- Business and IT alignment

mand-to-budget process involving a thorough examination of service requests, for example, their alignment with corporate, business and IT goals and strategy, redundant requests or impact to the organization's risk exposure. The "enterprise architecture" view in planningIT is multi-layered, taking into account the business, application, information and technology architectures as well as the operational infrastructure with services representing a cross-section. New services and extensions to existing ones are planned in the context of a project proposal. Here, business services are defined, including responsibilities, roles, and other relevant characteristics as well as a business case. Upon approval, the business service is committed to planningIT's repository and becomes part of the baseline architecture.

In parallel, planning IT's Release Management module passes on the service information to CentraSite for implementation. Here, the new business service goes through detailed design, implementation, testing and deployment phases. CentraSite tracks the status and usage of services and feeds this information back to planningIT for further planning activities.

For example, using CentraSite's lifecycle management capabilities, those involved in the planning phase are aware of the advance status of a service. As the status of one of the services changes (e.g. moving from testing to production) and is reflected in CentraSite, an update is auto-

matically shown in planningIT. This ensures complete visibility throughout the development of any architectural elements that are related to the service.

planning IT

planningIT's feature-rich meta model supports description of domains, business processes, functions, objects and services – addressing the need for enterprises to structure the business architecture for reusability and establish an enterprise-wide, uniform service classification. With all planning-relevant information on architecture artefacts in its central repository, planningIT enables services important to the enterprise to be readily identified, and service creation and maintenance to be performed in a single location. Governance concepts supported by planningIT such as thorough examination of requests for change to the architecture, definition of an architecture roadmap and detailed assessment of IT support for business processes ensure that services as inherent elements of the enterprise architecture are also subject to a governed process for creation.

CentraSite™

For end-to-end SOA lifecycle management, enterprises need support not only in planning but also in the design and implementation of services as provided by CentraSite. It provides a central registry and repository for SOA assets to guard against uncontrolled proliferation of services. Here, services and their technical/operational specifications are

published and categorized. Service-related metadata is managed and stored to provide a centralized location and process for storing, versioning and managing SOA artefacts such as service profiles, process definitions and policies. After service deployment, reporting facilities track status and usage of services and, in particular, impact of any changes. This information can then be fed back into planning products such as planningIT to ensure that planning efforts are supported by current and complete data.



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