

EAM-Initiative – Die offene EAM-Wissensplattform

Ömer Uludağ, 09.03.2017, München

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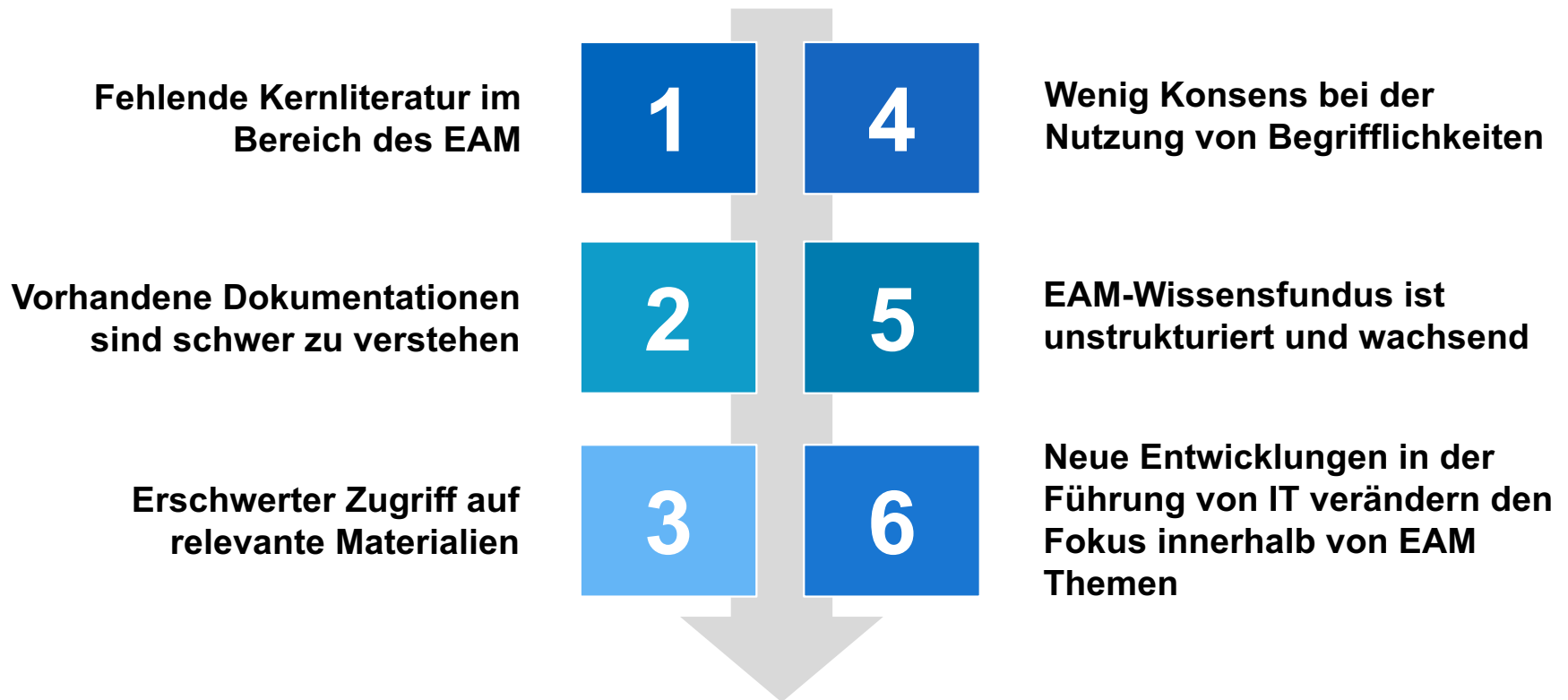
Einleitung

- Motivation

eam-initiative.org – Die offene EAM-Wissensplattform

- Struktur und Kennzahlen
- Grundlagenthemen
- Konzeptkarte
- Themenwolke
- Beispielhafte Wiki-Seite

Schluss



Probleme

- Mangel an fachüblichen EAM-Grundlagenthemen für EAM-Praktiker
- Hohe Eintrittsbarriere für Einsteiger in das Thema
- Keine gemeinschaftliche Sprache und gemeinschaftliches Verständnis

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Schluss

Initiatoren



Prof. Dr. Stefan Bente
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Kornelius Fuhrer
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(Capgemini)



Klaus Niemann
(act! Consulting GmbH)

Mission Statement



Wir wollen EAM **einer breiteren Community** zugänglich machen und basierend auf dem Feedback und den **Beiträgen der Community** weiterentwickeln und so die Wirksamkeit erhöhen.

Konzept

- Einfache Nutzung und einfacher Zugriff
- Kostenfreier Zugang zur Plattform
- Creative Commons Lizenzierung für die herunterladbaren Inhalte
- Leichte Auffindbarkeit durch Suchmaschinen
- Maximale Transparenz durch klare Strukturierung von Themen
- Community-getrieben
- Leichte Möglichkeit zur Partizipation durch Wikis
- Ansammlung von umfangreichen EAM-Grundlagen und EAM-Themen
- Vollständige Abdeckung der EAM-Grundlagen
- Behandlung von aktuellen EAM-Themen
- Automatische Verschlagwortung deutsch- und englischsprachiger Inhalte

Struktur und Kennzahlen



EAM-Themen als Wiki-Seiten

Community Beiträge



**44 vorhandene Themen
(24 Grundlagenthemen)**



128 Links

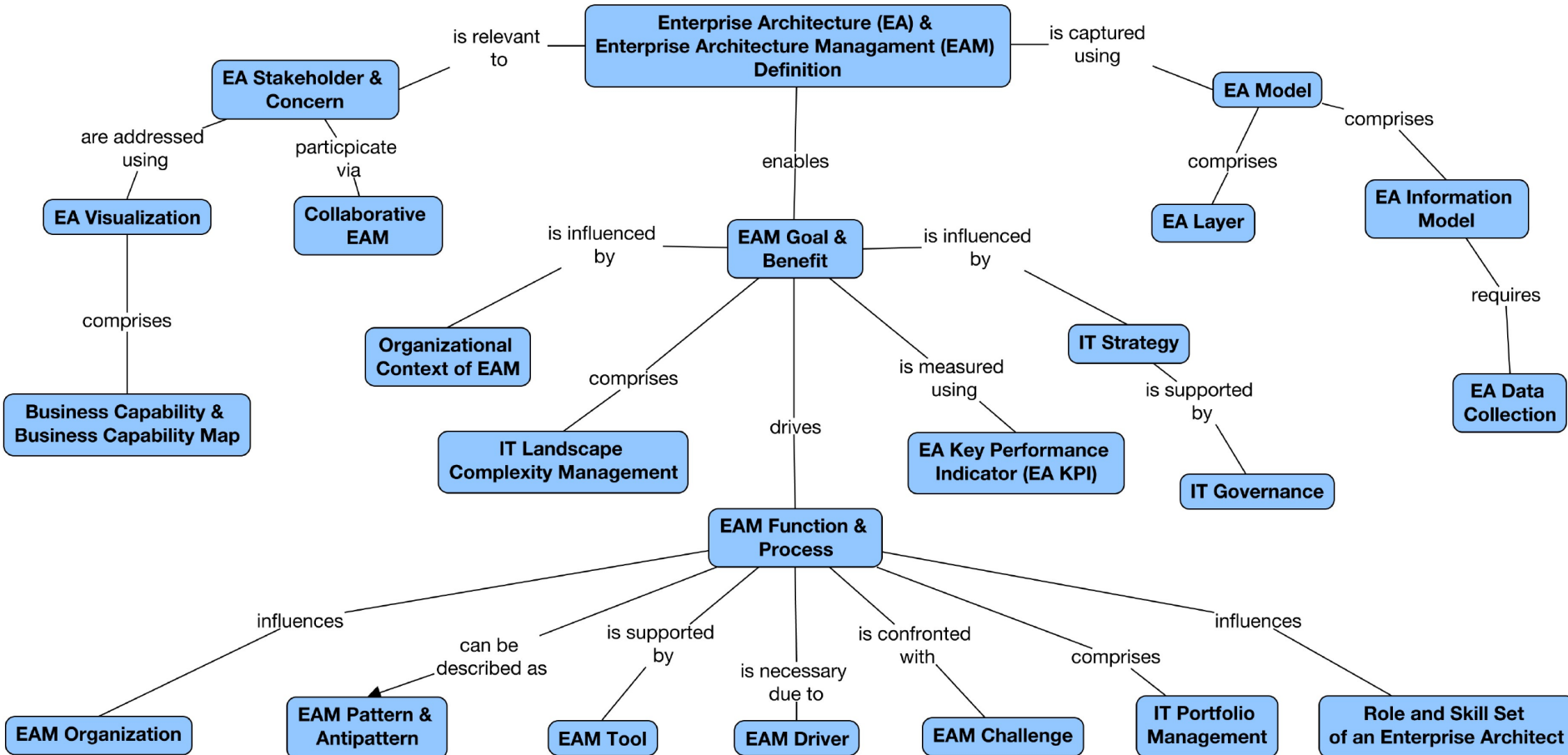


80 registrierte Nutzer



67 Dateien

Darstellung der 24 Grundlagenthemen als Konzeptkarte



Agile DevOps Agile Development ArchiMate® Architecture Description Language (ADL)

Business Capability & Business Capability Map Challenges in EAM

Collaborative EAM **EA & EAM Definition** EA Data Collection

EA Information Model EA Key Performance Indicators (EA KPIs) EA Layer

EA Model EA Principle EA Reference Model & Reference Architecture

EA Stakeholder & Concern EA Viewpoint & View EA Visualization

EAM Framework **EAM Function & Process**

EAM Goals & Benefits EAM Motivation EAM Organization

EAM Pattern & Antipattern EAM Process EAM Tool EAM for SME

ISO IEC IEEE 42010 Systems and software engineering - Architecture description IT Controlling **IT Governance**

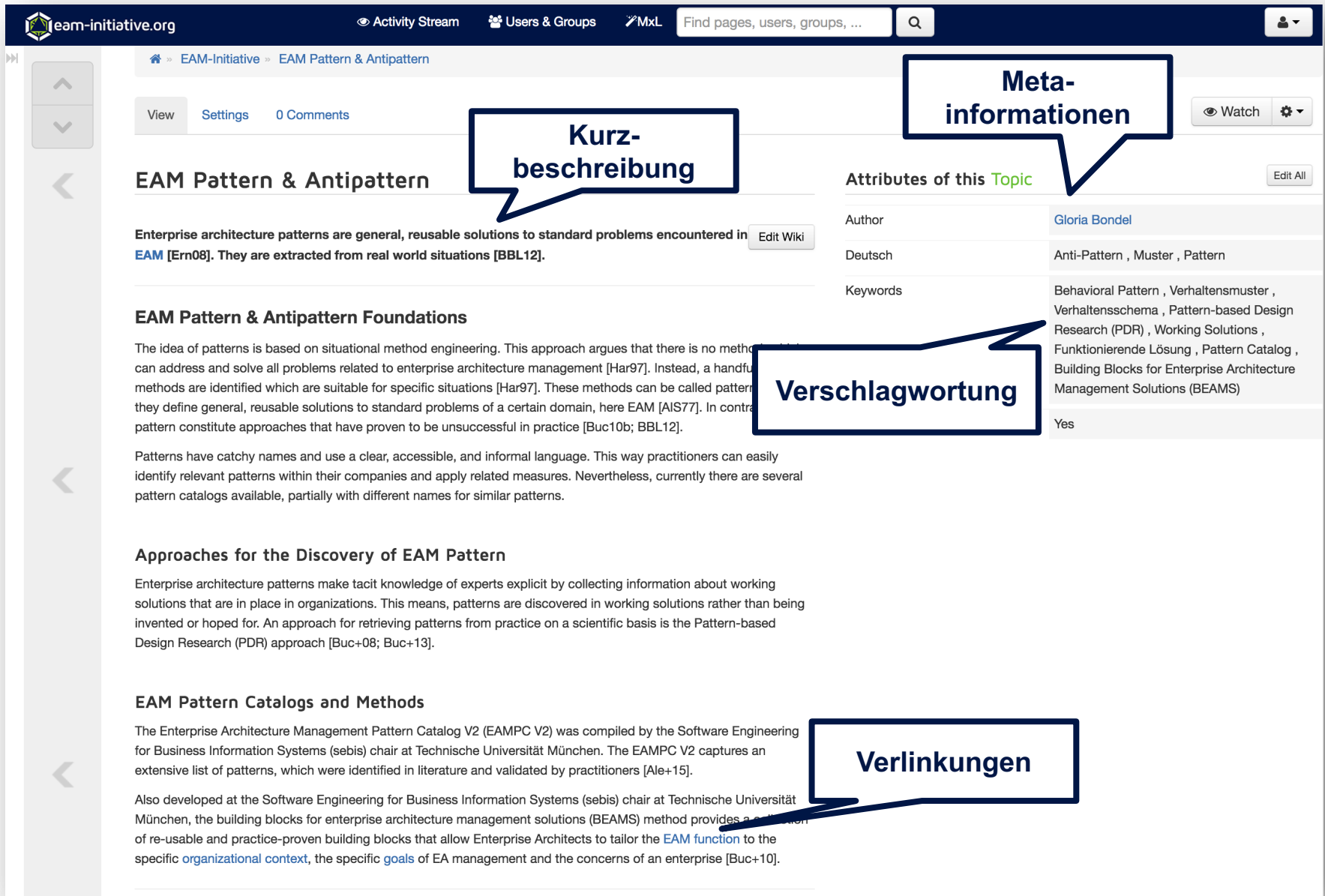
IT Landscape Complexity **IT Portfolio Management**

IT Standard IT Strategy Legacy Systems **Managed Evolution Approach**

Maturity Level **Organizational Context of EAM Role and Skills of an Enterprise Architect** Schools of EAM

Service Oriented Architecture (SOA) Technical Debt

The Open Group Architecture Framework (TOGAF®) Zachman Framework



The screenshot shows a wiki page titled "EAM Pattern & Antipattern" on the eam-initiative.org platform. The page content includes a brief description, a section on foundations, and approaches for discovery. Four callouts highlight specific features: "Kurzb Beschreibung" points to the introductory paragraph; "Meta-informationen" points to the "Attributes of this Topic" table; "Verschlagwortung" points to the "Keywords" row in the table; and "Verlinkungen" points to the "EAM function" link in the final paragraph.

**Kurz-
beschreibung**

**Meta-
informationen**

Verschlagwortung

Verlinkungen

View Settings 0 Comments

EAM Pattern & Antipattern

Enterprise architecture patterns are general, reusable solutions to standard problems encountered in [EAM \[Ern08\]](#). They are extracted from real world situations [\[BBL12\]](#). [Edit Wiki](#)

EAM Pattern & Antipattern Foundations

The idea of patterns is based on situational method engineering. This approach argues that there is no method that can address and solve all problems related to enterprise architecture management [\[Har97\]](#). Instead, a handful of methods are identified which are suitable for specific situations [\[Har97\]](#). These methods can be called patterns because they define general, reusable solutions to standard problems of a certain domain, here EAM [\[AIS77\]](#). In contrast, patterns constitute approaches that have proven to be unsuccessful in practice [\[Buc10b; BBL12\]](#).

Patterns have catchy names and use a clear, accessible, and informal language. This way practitioners can easily identify relevant patterns within their companies and apply related measures. Nevertheless, currently there are several pattern catalogs available, partially with different names for similar patterns.

Approaches for the Discovery of EAM Pattern

Enterprise architecture patterns make tacit knowledge of experts explicit by collecting information about working solutions that are in place in organizations. This means, patterns are discovered in working solutions rather than being invented or hoped for. An approach for retrieving patterns from practice on a scientific basis is the Pattern-based Design Research (PDR) approach [\[Buc+08; Buc+13\]](#).

EAM Pattern Catalogs and Methods

The Enterprise Architecture Management Pattern Catalog V2 (EAMPC V2) was compiled by the Software Engineering for Business Information Systems (sebis) chair at Technische Universität München. The EAMPC V2 captures an extensive list of patterns, which were identified in literature and validated by practitioners [\[Ale+15\]](#).

Also developed at the Software Engineering for Business Information Systems (sebis) chair at Technische Universität München, the building blocks for enterprise architecture management solutions (BEAMS) method provides a collection of re-usable and practice-proven building blocks that allow Enterprise Architects to tailor the [EAM function](#) to the specific [organizational context](#), the specific [goals](#) of EA management and the concerns of an enterprise [\[Buc+10\]](#).

Author	Gloria Bondel
Deutsch	Anti-Pattern , Muster , Pattern
Keywords	Behavioral Pattern , Verhaltensmuster , Verhaltensschema , Pattern-based Design Research (PDR) , Working Solutions , Funktionierende Lösung , Pattern Catalog , Building Blocks for Enterprise Architecture Management Solutions (BEAMS)
Yes	

specific [organizational context](#), the specific [goals](#) of EA management and the concerns of an enterprise [Buc+10].

Sources:

- [BBL12] S. Bente, U. Bombosch, and S. Langade. [Collaborative Enterprise Architecture: Enriching EA with Lean, Agile, and Enterprise 2.0 Practices](#). Elsevier, Inc., 2012.
- [Ern08] A. Ernst. "Enterprise Architecture Management Patterns. In: Proceedings of the 15th Pattern Languages of Programs. New York, NY, USA: ACM, 2008, pp. 1–20.
- [Har97] A. F. Harmsen. "Situational Method Engineering. In: PhD thesis. University of Twente, Twente, The Netherlands, 1997.
- [AIS77] C. Alexander, S. Ishikawa, and M. Silverstein. "A Pattern Language." In: University of Oxford Press (1977).
- [Buc+08] S. Buckl, A. Ernst, J. Lankes, F. Matthes, and C. M. Schweda. "Enterprise Architecture Management Patterns - Exemplifying the Approach." In: The 12th IEEE International EDOC Conference (EDOC 2008). München, 2008, pp. 393–402.
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- [Buc+10] S. Buckl, T. Dierl, F. Matthes, and C. Schweda. "Building Blocks for Enterprise Architecture Management Solutions." In: Practice-Driven Research on Enterprise Transformation, second working conference, PRET 2010, Lecture Notes in Business Information Processing (LNBIP). Ed. by F. e. a. Harmsen. Vol. 69. Delft: Springer, 2010, pp. 17–46.
- [Buc10b] S. Buckl. "A Design Theory Nexus for Situational Enterprise Architecture Management." In: Proceedings of the 14th International IEEE Enterprise Distributed Object Computing Conference. IEEE Computer Society. IEEE Computer Society, Vitoria, Brazil, 2010, pp. 3–8.

Incoming references

Content for this topic (7)

File

File	Creative Commons License	Authors	Language	Event of Publication / Journal Name / Publisher	Year of Event or Publication
160408_Goldes_HPI EAM - 04 SystemCartographyEAMBestPractices (2014-05-22).pdf	Attribution (CC BY)	Sabine Goldes	English	Vorlesung HPI	2014

Quellen

Dateien

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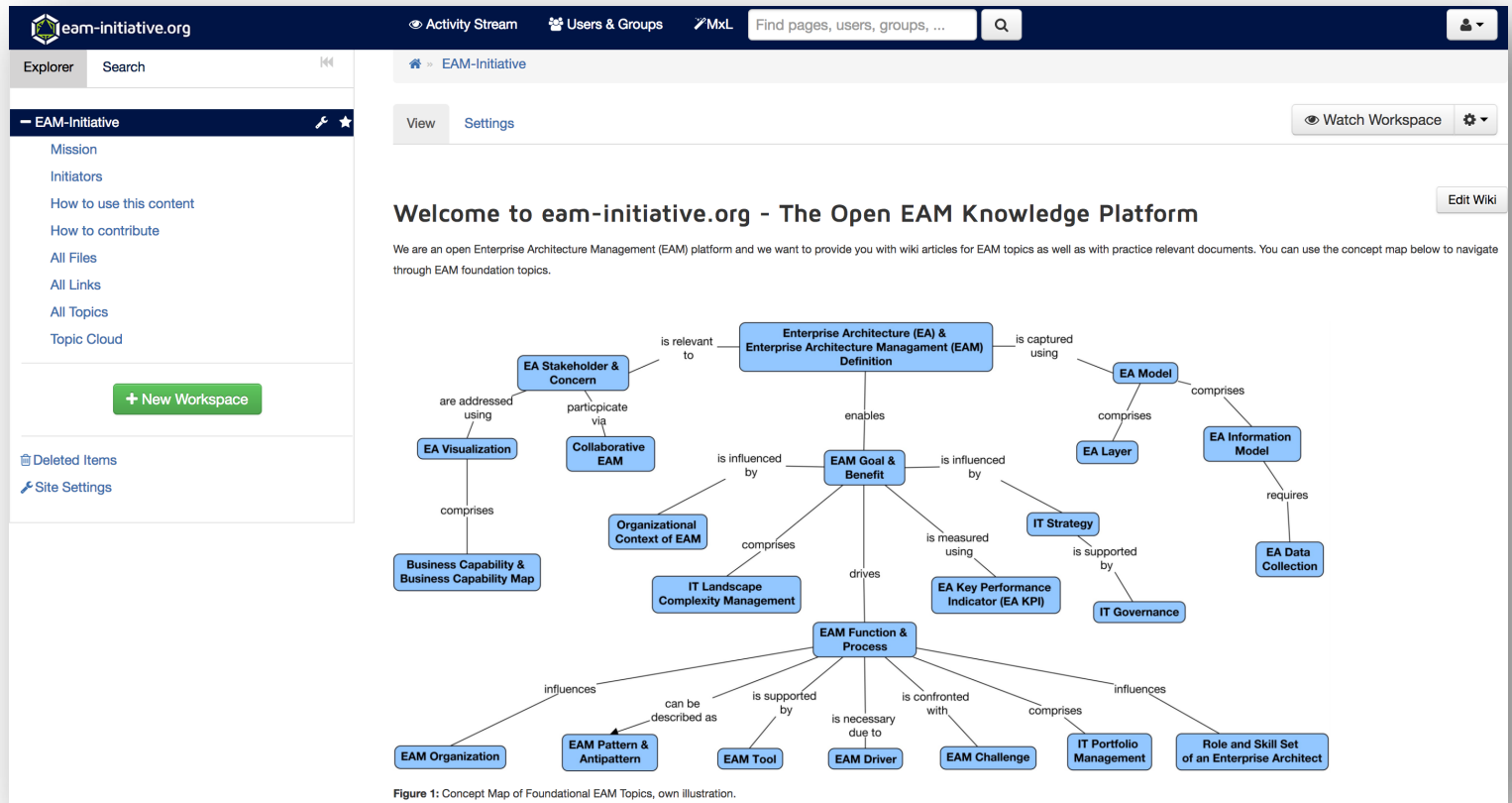
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Schluss

Werden Sie Teil der Community und helfen Sie uns besser zu werden!



- Teilen Sie Ihr Wissen und Ihre Inhalte auf der Plattform eam-initiative.org – Die offene EAM-Wissensplattform
- Geben Sie uns Feedback unter [EAM-Initiative-Feedback](#)



The screenshot shows the eam-initiative.org website interface. On the left is a navigation menu with options like 'Mission', 'Initiators', and 'New Workspace'. The main content area features a header with 'Welcome to eam-initiative.org - The Open EAM Knowledge Platform' and a central concept map. The concept map is a hierarchical diagram of EAM topics. At the top is 'Enterprise Architecture (EA) & Enterprise Architecture Management (EAM) Definition'. Below it are 'EA Stakeholder & Concern', 'EA Model', and 'EAM Goal & Benefit'. 'EAM Goal & Benefit' is central, with 'EAM Function & Process' below it. Other nodes include 'EA Visualization', 'Collaborative EAM', 'Organizational Context of EAM', 'IT Landscape Complexity Management', 'EA Key Performance Indicator (EA KPI)', 'IT Strategy', 'IT Governance', 'EA Data Collection', 'EA Information Model', 'EA Layer', 'EA Stakeholder & Concern', 'Business Capability & Business Capability Map', 'EAM Organization', 'EAM Pattern & Antipattern', 'EAM Tool', 'EAM Driver', 'EAM Challenge', 'IT Portfolio Management', and 'Role and Skill Set of an Enterprise Architect'. Relationships are indicated by lines with labels like 'enables', 'is influenced by', 'comprises', etc.

Welcome to eam-initiative.org - The Open EAM Knowledge Platform

We are an open Enterprise Architecture Management (EAM) platform and we want to provide you with wiki articles for EAM topics as well as with practice relevant documents. You can use the concept map below to navigate through EAM foundation topics.

Figure 1: Concept Map of Foundational EAM Topics, own illustration.



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