Dragon1

Dragon1, open method for Enterprise Architecture – Processes Overview



Process Principles & Rules

1. Startup & Initiation of EA

- An architect always should try to become the director of the thought and envisioning process.
- Always define a clear context, scope and domain that could be placed under working with architecture (i.e. total concepts).
- An architecture design assignment always benefits from using the strategy map and the business model as context.

2. Implementation of EA

- · Always run processes informally after initial implementation, before formalizing them as reinforced concrete.
- Be aware of the maturity level you are now and make that explicit. Do not loose contact with your environment because of improving too fast.

3. Development of EA

- An architect is a designer of total concepts (architectures) and the supervisor of the realization.
- · Make use of critical thinking when processing requirements.
- Always develop architecture in an iterative and modular way.
- Only develop an architecture after you have been given an assignment or contract.
- · Always put the mandate you get in the assignment document.
- Always describe first what you draw, in order to have a stop criterium.

4. Application of EA (in Projects)

- Always develop architecture first before applying it in a project.
- · An architect must represent the owner/client towards the program managers, project managers, suppliers and contractors.
- Turn architecture into an easy to understand list of principles, building blocks and standards.

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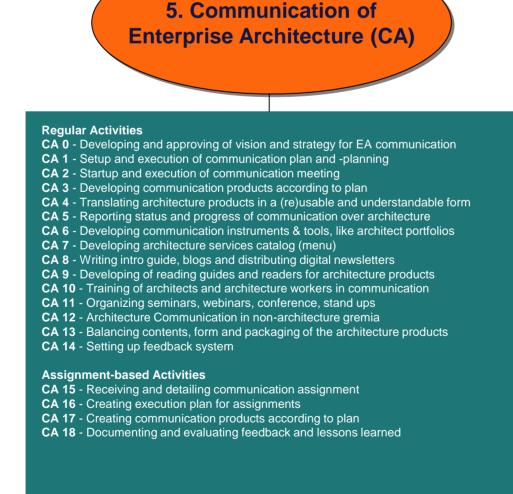
Context Leading Complex Strategic Transformations: Startup, Direct, Innovate and Merge Businesses and Organizations

MA 0 - Developing and approving vision and strategy for architecture and governance
MA 1 - Developing management year plan and planning for architecture
MA 2 - Startup and execution of EA management meeting MA 6 - Planning of accounts (relationships, owner/clients, contractors, suppliers) MA 7 - Offering and managing architecture services (a menu) MA 9 - Managing and administering architecture design assignment portfolio
MA 10 - Executing policy and realizing means
MA 11 - Directing and authorizing architects and architecture workers MA 12 - Directing processes (on time, above expectation, with budget and quality) MA 13 - Managing quality of architecture services and ownership of architecture MA 14 - Creating work planning and capacity planning MA 15 - Inspiring and coaching stakeholders and owner/clients
MA 16 - Documenting and evaluating feedback and lessons learned MA 17 - Controlling and securing architectures MA 18 - Executing expectation management for relationships MA 19 - Assessing and authorizing changes on artifacts / archifacts
MA 20 - Assessing and authorizing changes on architectures
MA 21 - Managing issues, actions, decisions and policy measures (IAD list) MA 22 - Managing questions, answers and assumptions (QAA list) MA 23 - Aligning architecture context on enterprises and business contexts MA 24 - Reporting status & progress of architecture team to committee/board

One-off (initial) activities - Startup of Enterprise Architecting

SI1 - Inventorying and analyzing stakeholders, stakes and the environment

SI2 - Retrieving enterprise context, business context and architecture context SI3 - Creating awareness and support for working with enterprise architecture SI4 - Initially designing, assigning and starting up architecture bodies SI5 - Initially designing role playing and assigning roles SI8 - Developing an enterprise architecture communique SI10 - Planning activities for startup and Initiating working with enterprise architecture **SI11** - Planning quality (maturity) of enterprise architecture SI12 - Refining business case for enterprise architecture and doing risk analysis SI13 - Defining and setting up enterprise architecture instruments, dossier and tools SI14 - Defining and setting up enterprise architecture templates and files SI15 - Defining and planning of enterprise architecture (maturity) roadmap Regular Activities - Initiating of Enterprise Architecture assignments SI16 - Exploring updated strategies and new business models SI17 - Proposing new (disruptive) concepts, principles, building blocks and standards SI19 - Defining change scope, contexts and domains (PoR, Business Cases and PoA SI21 - Composing and creating enterprise architecture initiation documents SI22 - Preparing acquiring or providing architecture assignments with mandate SI23 - Documenting and evaluating feedback and lessons learned



. Governance & Management of **Enterprise Architecture (MA)**

- Future Vision and momentum Duration / Time Line programs and projects

1. Startup & Initiation

of Enterprise Architecture (SI)

Strategy

Policies

Financial Aspects

Timely Aspects

• TCO Budgets Investments Profitability

Culture

Identity

Ambition

Philosophy

Structure

Eras

Adaptivity Usability Sustainability Esthetic effect Flexibility Functionality Feasibility

Quality Aspects

 Transparency Extensibility Executability

Integrability Confidentiality

Execution Aspects

8. Quality Control of

Enterprise Architecture (QA)

 Unfreeze situation Move / Change / Transform Free Situation

Human Aspects

Competence and Experience Satisfaction, Fun and Rewards Career Job Guarantee

Principles

2. Implementation of **Enterprise Architecture (IA)**

Data

Information

Infrastructures

Technologies

Facilities

General Enterprise Aspects Mission Business Needs Complex strategic Vision transformations: Domains Strategic intention Goals and Objectives Startup of Business Product-market Combination Building Blocks

Existential Reason

Merger and Acquisitions
 Core Competences/Activities
 Rationales

9. Architecture Building Process: Iterative & Modular Architecture Design Strategy Map Business Concept Business Program of Architecture Solutions Solutions Peedback Portfolio Assignment & Scorecard Model & TOM Design Sketch Case Requirements Design Roadmap Design & Build Experience

3. Development of **Enterprise Architecture (DA)**

Regular Activities

DA 0 - Developing and approving vision and strategy for development of EA products DA 1 - Setup and execution of EA development plan and -planning **DA 2** - Startup and execution of EA development meeting DA 3 - Collecting reference architectures, principles and models according to plan
DA 4 - Making previous architecture initiatives (re)usable according to plan
DA 5 - Continuously developing architecture products in baseline according to plan DA 6 - Setting up naming conventions and architecture policies and create documents **DA 7** - Reporting status and progress of developing architectures, -designs & -books Assignment-based Activities

DA 8 - Receiving and detailing assignment, mandate and the context of change DA 9 - Creating execution plan for assignment **DA 10** - Work preparation executing assignment DA 11 - Analyzing eras, enterprises, architectures, concepts & business models (TOM)
DA 12 - Analyzing and developing artifacts, building blocks, patterns and domains
DA 13 - Analyzing stakeholders, needs, risk, issues, requirements and scenarios **DA 14** - Analyzing, developing and testing principles, rationales and standards **DA 15** - Analyzing, developing and testing models, viewpoints and views DA 16 - Composing artist impressions and concept sketches

DA 17 - Composing (strategy)maps, landscapes, blueprints, mind maps and roadmaps

DA 18 - Composing principle details diagrams and contact documents DA 19 - Analyzing Impact of implementation of applied architecture products DA 20 - Having realized architecture products reviewed DA 21 - Having realized architecture products approved
DA 22 - Documenting and evaluating feedback and lessons learned

4. Application of **Enterprise Architecture (AA)** AA 0 - Developing and approving of vision and strategy for application (in projects) AA 1 - Setup and execution of 'application and usage' plan and -planning AA 2 - Startup and execution of 'architecture application and usage' meeting AA 3 - Controlling working and applying architectures in projects according to plan
AA 4 - Reporting status and progress of application and usage of architectures AA 5 - Receiving and detailing of architecture application assignment AA 6 - Updating assignment dossier/portfolio
AA 7 - Creating execution plan for application assignments
AA 8 - Work preparation of executing assignment AA 9 - Collecting context and scope for assignments AA 10 - Analyzing activities and documents AA 11 - Searching, adapting (re)usable and additional architecture products
AA 12 - Collecting application products / documents
AA 13 - Reviewing activities and documents AA 14 - (Re)designing activities and documents AA 15 - Creating, doing and using of architecture test / scan / check AA 16 - Creating, doing and using of architecture notes / memos
AA 17 - Writing project based architecture notes / memos
AA 18 - Opting application products / document for inclusion in baseline AA 19 - Documenting and evaluating of feedback and lessons learned AA 20 – Creating, doing and using ad hoc architecture test / scan / check AA 21 – Creating, doing and using ad hoc architecture notes / memo

QA 9 - Reporting status and progress quality control
QA 10 - Evaluating and testing architecture quality based on reference architectures QA 11 - Receiving and detailing of quality controls assignments QA 12 - Setup execution plan for quality control assignments
QA 13 - Executing quality control assignments
QA 14 - Executing architecture reviews / architecture and architects assessments QA 15 - Developing norms for assessment frameworks QA 16 - Collecting and securing research materials and other input QA 17 - Applying norms for assessment frameworks (ad hoc) on architectures QA 18 - Observing situations, getting facts and interpreting results for assessments/test QA 19 - Collecting, developing and proposing measures to take QA 20 - Developing and delivering images, opinions and measures in reports QA 21 - Checking and testing facts, observations, conclusions and measures in reports QA 22 - Reporting status and progress of assignment IA 0 - Developing and approving vision and strategy for implementation of EA IA 1 - Developing implementation plan and -planning IA 2 - Creating dossier, conventions and policy/rules for working with architecture IA 3 - Implementing change management process for archifacts (products / document IA 5 - Implementing development process at maturity level n
IA 6 - Implementing application process at maturity level n
IA 7 - Implementing quality control process at maturity level n

IA 8 - Implementing communication process at maturity level n

IA 11 - Implementing startup and initiation process at maturity level n
IA 12 - Informing and training architects, architecture workers and stakeholders

6. Administration of

Enterprise Architecture (AM)

Regular Activities

AM 0 - Developing and approving vision and strategy for administering and maintenance

AM 7 - Reporting status and progress of architecture administration and maintenance

Assignment-based Activities

AM 8 - Receiving and detailing maintenance assignments (approved changes only)

AM 11 - Documenting and evaluating feedback and lessons learned (f.i. principles)

AM 1 - Setup and execution of maintenance plan and -planning

AM 6 - Executing functional and technical maintenance and authorization

AM 2 - Startup and execution maintenance meeting

AM 9 - Processing approved changes

AM 10 - Executing impact analysis of changes

AM 3 - Setting up servicedesk according to plan
AM 4 - Providing 1st and 2nd line service desk support
AM 5 - Updating dossier and baseline according to plan

IA 13 - Implementing a (digital) glossary of terms & update procedure

IA 14 - Documenting and evaluating feedback and lessons learned IA 15 - Reporting status and progress of implementation of EA

QA 0 - Developing and approving vision and strategy for quality control
QA 1 - Developing and execution of quality controls plan and -planning

QA 2 - Planning and startup of authorization committee and -meeting

QA 4 - Collecting and developing assessment frameworks and norms QA 5 - Doing assessments, reviewing and approving of architectures QA 6 - Estimating, qualifying and evaluating architects

QA 7 - Measuring, testing and reporting quality of architectures

QA 8 - Documenting and evaluating feedback and lessons learned

QA 3 - Collecting reference architectures, best practices and benchmarks

 Always look out for architecture workers (non-architects doing

8. Quality Control of EA

- The owner/client should appointment chief or managers as
- Make sure to create feedback loops on the architecture and its
- · Make sure every architecture design is based on a program of requirements. That it has an

Information Architecture Products

- Architecture Baseline Version: 1.3 · Architecture Dossier Status: Final
 - **Architecture Notes**
 - Architecture Assignment Architecture Scan / Audit
 - Architecture Review Artist Impression

 - **Contract Documents**
- Concept Sketches Principles Diagram
- Blueprints and Landscapes Artifacts and Building Blocks Doc.

Architecture Principles Document

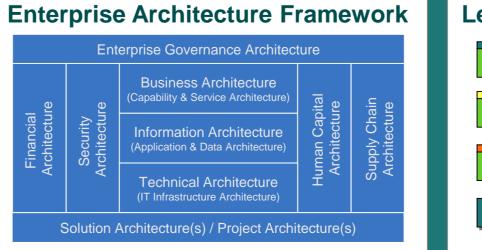
- Functions & Domains Model Dragon1 Processes Plan
- Dragon1 Processes Reports Assignment Plan & Roadmap Program of Requirements

Architecture Glossary of Terms

- Issue & Risk Architecture Quality aspect Artifact & Archifact (Meta) Model Concept
- Building Block Need & Stakeholder • Laver

Era and State

- Value & Experience Function & Domain
- **Business Architecture** Principle Information Architecture Framework Application & Data Architectu Rational Technical Architecture Scenario



Legend **Dragon1 Process Solution Aspects** Enterprise Aspects Transformation Aspects **Process Activities**

Process Principles & Rules

5. Communication of EA

- Architecture is a means for leading transformation and guiding projects.
- Create support for your ideas and disruptive concepts using sketches.
- The message of a visualization is always more important than the visualization itself.

6. Administration of EA

- All architecture products only have one single source of truth: the official architecture dossier.
- · All changes and documents must always be under version and revision control.
- Every change and document must have an owner and a status.
- Only approved and managed changes will be processed and only approved and managed documents may be used.

7. Governance of EA

- Always collaborate with stakeholders in teams creating architecture designs. Involvement is priceless.
- Make sure every Dragon1 process is recognized, owned and implemented at some point in time, at some maturity level. Create a roadmap for
- architecture)

- owners of the architecture.
- principles.
- assignment document and owner.
- Make sure projects always refer to the architecture documents they

References / Documents

Check the Dragon1 Resources and Textbook for a more detailed description of the processes, products, services, principles and visualizations of Dragon1.

Visit www.dragon1.com for more info.

Viewpoint