

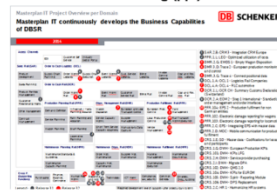
Towards an EA View Template Marketplace

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1. Towards an EA View Template Marketplace



EA View Designer

Generate EA View Requirements

Extract Information for EA View from EA Repository

Evaluate EA View Template

Connect EA View Template with EA Repository

Create the EA View Template

EA View Designer
EA Stakeholder

EA View Designer
EA repository Connector developer



EA Repository Connector developer

Web developer

EA View Designer



- Provides a **sample view** as a visual specification (e.g. PowerPoint).
- Provides a **(vendor-specific) sample data file** (using a JSON data dump view template that only includes the necessary types, entities and attributes).
- Provides an existing **EA View Template** (e.g EA View Generator or EA repository tools)

Repository Connector Developer



- Documents and implements an **EA repository connector (EAR)** that provides the **EAR-REST API** which gives read-only access to the *specific* types, entities, attributes and links of a given EAR.

Web Developer

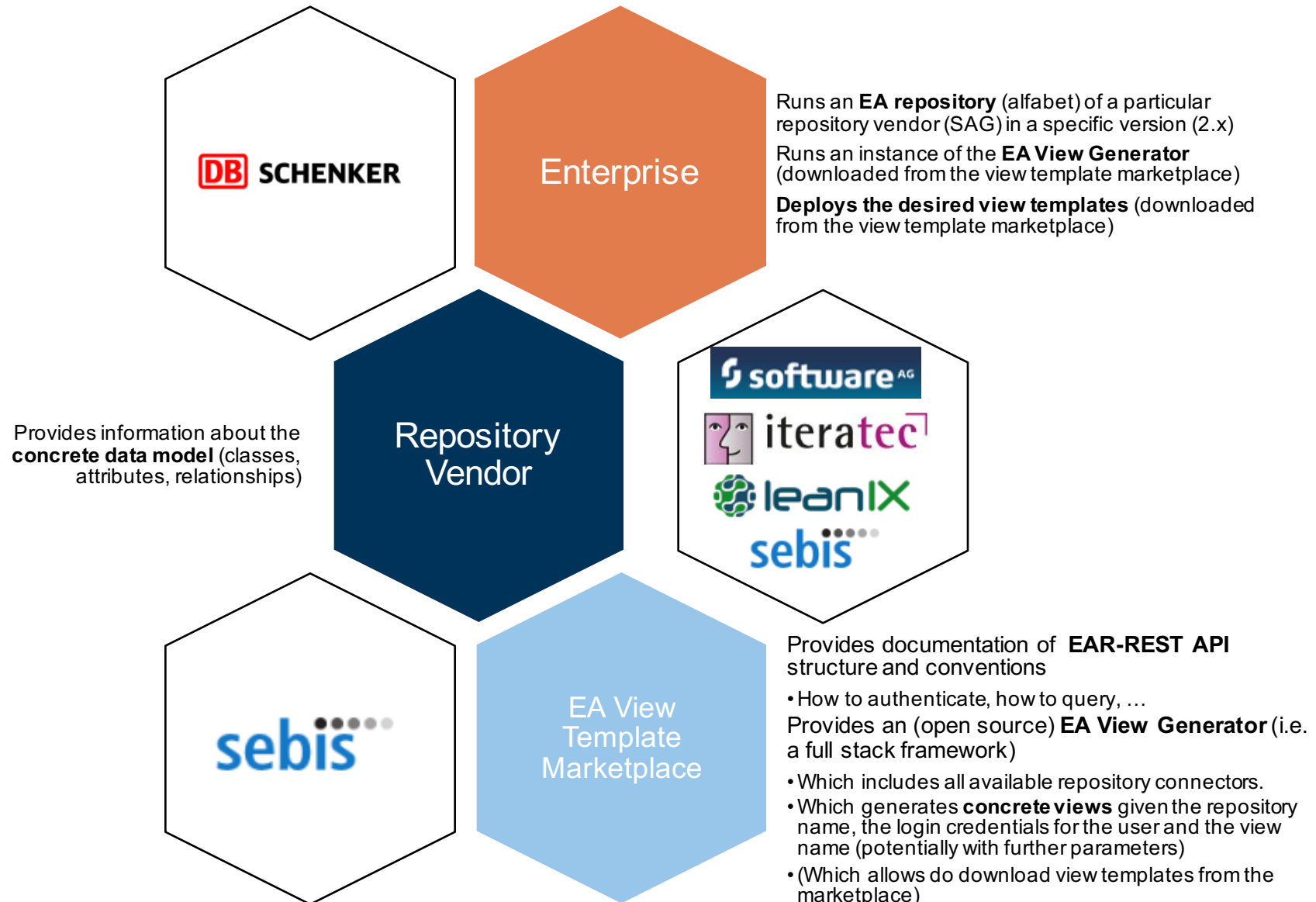


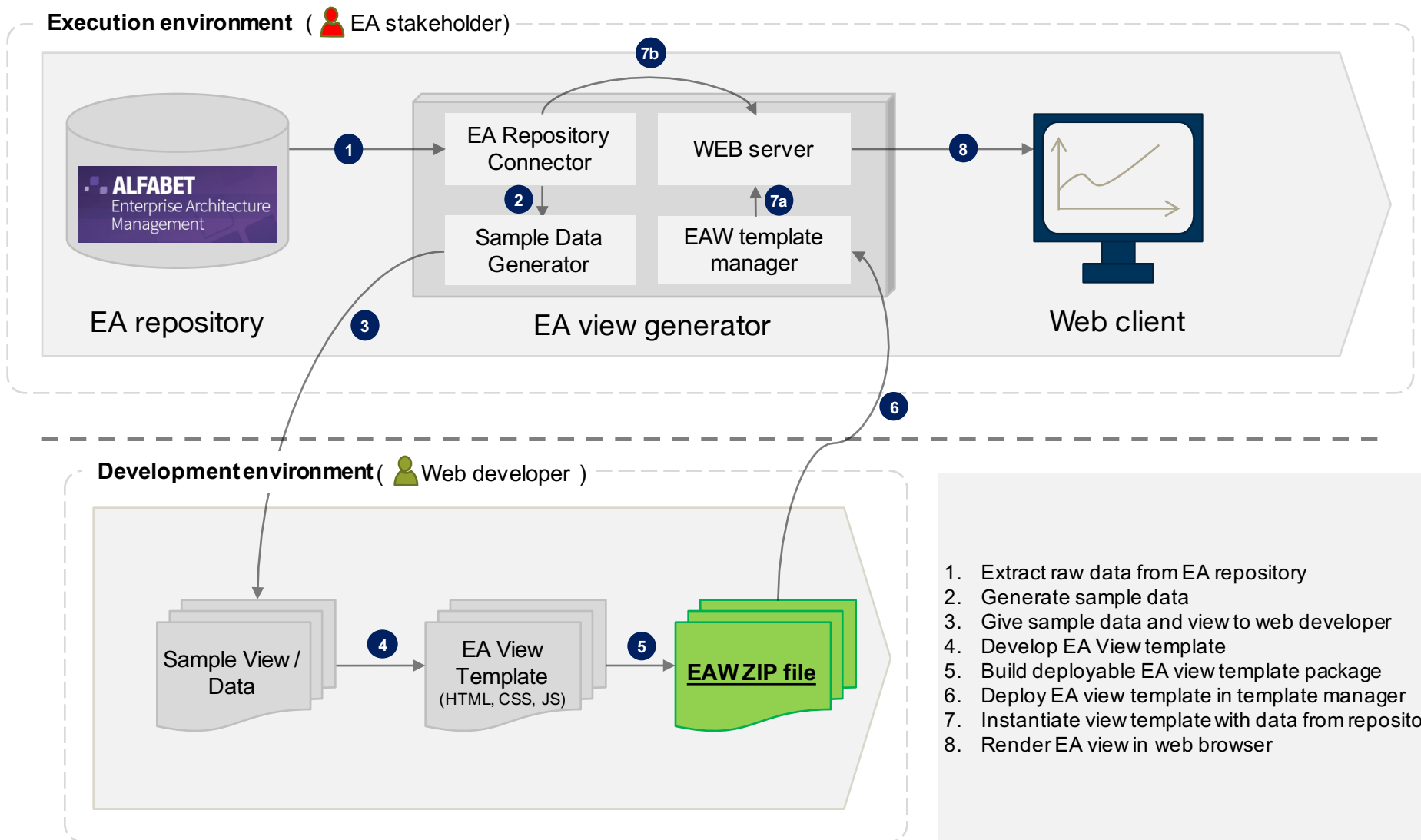
- Creates an **EA View Template** based on the specification of the EA View, the sample data and the EAR REST-API
- Does not need to know the details of EA Repository or how make the connection with it
- Technically speaking, the view template is a ZIP file containing HTML, CSS, JavaScript and potentially more files (images, documentation, fonts, libraries)

EA Stakeholder



- Uses the browser to trigger the generation of his **concrete EA View Template** using the **EA View Generator**.
- Creates screen-dump to export the view as JPG, PNG, ... and paste it into Office applications
- Uses the print functionality of the browser to save the view locally (e.g. as PDF)





1. Extract raw data from EA repository
2. Generate sample data
3. Give sample data and view to web developer
4. Develop EA View template
5. Build deployable EA view template package
6. Deploy EA view template in template manager
7. Instantiate view template with data from repository
8. Render EA view in web browser

Enterprises, EA Stakeholders

- High-quality organization-specific view templates
- Rich choice of view templates
- No need to wait for new product releases

Web developers

- New business opportunities, visibility
- Upselling opportunities

EA community (via Marketplace)

- Accelerated innovation
- Faster spreading of new ideas

EA tool vendors

- Solution for economic dilemma:
 - Generic tool vs. specific demands
 - Investment in differentiating repository capabilities vs. volatile view demands
- Insight into market demands and actual product usage
- Long-term improvement of built-in view types.

sebis (Marketplace)

- EA View Marketplace and Gallery is natural complement to EAM pattern catalog, EA tool surveys
- First step towards an executable EAM pattern catalog

Thank you for your attention. Questions?



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