**Open-Source Enterprise Architecture Tools**

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Open-source EA tools offer a cost-effective and flexible alternative to proprietary solutions, providing organizations with the ability to customize and extend their EA capabilities. This report evaluates four prominent open-source EA tools based on key criteria such as functionality, usability, and community support.

**Evaluation Criteria**

The following criteria were considered when evaluating the open-source EA tools:

* Functionality: The breadth and depth of EA functionalities offered by the tool.
* Usability: The ease of use and user interface design of the tool.
* Community Support: The availability of documentation, tutorials, and active user communities.

**Tool Overviews**

LeanIX Enterprise Architecture Management

LeanIX is a popular open-source EA tool that provides a comprehensive set of features for managing IT landscapes. It offers strong visualization capabilities, data import and export options, and integrations with various IT management tools.

ADOIT EA Suite

ADOIT EA Suite is another well-established open-source EA tool that offers a wide range of functionalities for planning, designing, and managing IT architectures. It features a user-friendly interface, customizable dashboards, and a comprehensive knowledge base.

UPMX

UPMX is a lightweight and easy-to-use open-source EA tool that focuses on providing essential EA functionalities without overwhelming complexity. It offers a simple interface, drag-and-drop modeling capabilities, and a focus on collaborative EA development.

Avolution ABACUS

Avolution ABACUS is a mature open-source EA tool that provides a comprehensive set of features for managing large and complex IT landscapes. It offers advanced modeling capabilities, data governance features, and integrations with various enterprise applications.

**Comparative Analysis**

Functionality:

* LeanIX: Offers a comprehensive set of EA functionalities, including visualization, data management, and integrations.
* ADOIT EA Suite: Provides a wide range of EA functionalities, including planning, designing, and managing IT architectures.
* UPMX: Focuses on essential EA functionalities with a simple and intuitive interface.
* Avolution ABACUS: Provides advanced modeling capabilities, data governance features, and integrations.

Usability:

* LeanIX: User-friendly interface with customizable dashboards and a comprehensive knowledge base.
* ADOIT EA Suite: Easy-to-use interface with drag-and-drop modeling capabilities and a focus on collaborative EA development.
* UPMX: Simple and intuitive interface with a focus on ease of use.
* Avolution ABACUS: Mature and feature-rich interface with advanced modeling capabilities.

Community Support:

* LeanIX: Active user community with extensive documentation and tutorials.
* ADOIT EA Suite: Strong community support with a dedicated forum and regular user meetups.
* UPMX: Growing user community with active forums and online resources.
* Avolution ABACUS: Established user community with comprehensive documentation and support channels.