Getting started guide for smart360°

Agenda

- Overview
  - General features of smart360
  - Filter and edit data in smart360
  - Analyze data and create reports out of smart360
Startscreen smart360 – Data and Reporting

Elements
- 53 App2Data Associations
- 51 Applications
- 6 Application Domains
- 147 Business Mappings
- 20 Business Objects
- 21 Business Processes
- 9 Capabilities
- 54 Data Flows
- 12 Infrastructure Elements
- 1 Initiatives
- 44 Interfaces
- 1 NF Rs
- 13 Business Units
- 3 Products
- 17 Projects
- 7 Standards
- 8 Strategies
- 38 Technical Components

Visualizations
- Hierarchy
- Landscape
- Nesting
- Correlation
- Scatter Plot
- Graph Diagram
- Circular Dendrogram
- smartEA

Saved Spreadsheet Reports
- ApplicationsNoLaws
- HighComplexApps
- AppsWithCentralID

Saved Visualizations
- ApplicationInterfaces
- AppsByAccrComp
- OrganizationView
- AppLandscapeOrg
smart360’s EAM Meta model - Enabling a quick start

business architecture

information system architecture

technical architecture

infrastructure architecture

relations within a Building Block

project

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smart360 – Many templates to select from

Create / Clone Repository

Select source repository

Clone From Repository

Create / Clone From Template

Repository Package:

BLANK EAM EAMSample IT4IT TOGAF LeanISMS World ITHelpDesk APPRAT ISSUETRACKER STIX

Steps for Successful Application Rationalization framework:
1) List of applications with Owners
2) Identify technical fit/health, business value (Strategic & value add) and costs.
3) Expand with Complexity, Vendor, architecture fit, integrations.
4) Assess and plan roadmap
No code adjustments on data structure

- Add your own properties to any element type
  - Make them optional/mandatory and single-/multi-value
  - Many property types:
    - Enumeration, Boolean, Color, Date, Date & Time, Interval (Start & End date), Integer, Numeric, Richtext, Text, File, Percent, ...

- Change relationships
  - Change multiplicity, rename, add or remove relationships

- Change Element Type
  - Add and remove any type
  - Change name, description and icon

Adapt smart360 to the terminology and requirements in your company, e.g. add NFRs, Demands, etc.
Features

- Overview
- General features of smart360
- Filter and edit data in smart360
- Analyze data and create reports out of smart360
General features

- Global search
- Language settings
- General information
- User profile settings
Features

- Overview
- General features of smart360
- Filter and edit data in smart360
- Analyze data and create reports out of smart360
View data

Search all elements
Get an overview of changes
Browse saved reports

View, query and edit your data

... bulk export / import data

Elements

53 App2Data Associations

20 Business Objects

12 Infrastructure Elements

13 Business Units

Fulltext Search
History
Saved Spreadsheet Reports
Opened Spreadsheet Reports

App2Data Associations
Applications
Application Domains
Business Mappings
Business Objects
Business Processes
Capabilities
Data Flows
Infrastructure Elements
Initiatives
Interfaces
N F Rs
Business Units
Products
Projects
Standards
Strategies
Technical Components

147 Business Mappings
54 Data Flows
1 N F Rs
7 Standards
Browse your data

- Create new entries
- Filter based on any property or relationships
- Show History by Type
- Export in Excel
- Save view for others
- Edit data in Bulk (like in a spreadsheet)
Edit data
Create, read, update & delete single elements

**Breadcrumb:** / EAM / Application / CRM # 3.1

Show attributes and relationships grouped

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountability</td>
<td>joe</td>
</tr>
<tr>
<td>Development (End)</td>
<td>2007-12-31</td>
</tr>
<tr>
<td>Live (End)</td>
<td>2012-09-30</td>
</tr>
<tr>
<td>Maintenance activity</td>
<td>100.00</td>
</tr>
<tr>
<td>Replacement (End)</td>
<td>2013-06-07</td>
</tr>
<tr>
<td>Lifetime</td>
<td>2008-01-01/2012-09-30</td>
</tr>
<tr>
<td>Status</td>
<td>Current</td>
</tr>
<tr>
<td>Complexity</td>
<td>average</td>
</tr>
<tr>
<td>Description</td>
<td>Management of customer data</td>
</tr>
<tr>
<td>Development (Start)</td>
<td>2007-03-31</td>
</tr>
<tr>
<td>Live (Start)</td>
<td>2008-01-01</td>
</tr>
<tr>
<td>Superordinate Application</td>
<td></td>
</tr>
<tr>
<td>Replacement (Start)</td>
<td>2012-10-01</td>
</tr>
<tr>
<td>System size</td>
<td>average</td>
</tr>
</tbody>
</table>
Edit data
Mass Data

Import and Export your data via the Excel-interface

1. download Excel template

2. fill-in your data

3. upload your data

export your data
Features

- Overview
- General features of smart360
- Filter and edit data in smart360
- Analyze data and create reports out of smart360
Analyze data and create reports

Configure your own visualisation

Visualize your data using one of the saved diagram reports, or create your own report or…
Analyze data and create reports
Example: Landscape Diagram - IT-Support for Business

<table>
<thead>
<tr>
<th>Business Units</th>
<th>Core</th>
<th>Mgmt</th>
<th>Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales &amp; Marketing</td>
<td>Customer Mgmt</td>
<td>Clearing</td>
<td>Investment Mgmt</td>
</tr>
<tr>
<td>Sales &amp; Marketing</td>
<td>Business Unit</td>
<td>Clearing</td>
<td>Investment Mgmt</td>
</tr>
<tr>
<td>Sales &amp; Marketing</td>
<td>Clearing</td>
<td>Investment Mgmt</td>
<td>Account &amp; Contract Mgmt</td>
</tr>
<tr>
<td>Sales &amp; Marketing</td>
<td>Customer Mgmt</td>
<td>Clearing</td>
<td>Investment Mgmt</td>
</tr>
<tr>
<td>Sales &amp; Marketing</td>
<td>Clearing</td>
<td>Investment Mgmt</td>
<td>Account &amp; Contract Mgmt</td>
</tr>
<tr>
<td>Sales &amp; Marketing</td>
<td>Customer Mgmt</td>
<td>Clearing</td>
<td>Investment Mgmt</td>
</tr>
<tr>
<td>Sales &amp; Marketing</td>
<td>Clearing</td>
<td>Investment Mgmt</td>
<td>Account &amp; Contract Mgmt</td>
</tr>
<tr>
<td>Sales &amp; Marketing</td>
<td>Customer Mgmt</td>
<td>Clearing</td>
<td>Investment Mgmt</td>
</tr>
<tr>
<td>Sales &amp; Marketing</td>
<td>Clearing</td>
<td>Investment Mgmt</td>
<td>Account &amp; Contract Mgmt</td>
</tr>
<tr>
<td>Sales &amp; Marketing</td>
<td>Customer Mgmt</td>
<td>Clearing</td>
<td>Investment Mgmt</td>
</tr>
</tbody>
</table>

**Business Processes**

- **Customer Mgmt**
  - Depository Mgt 1.0
  - Depository Mgt 1.1
  - Depository Mgt 1.2

- **Clearing**
  - Depository Mgt 1.0
  - Depository Mgt 1.1
  - Depository Mgt 1.2

- **Investment Mgmt**
  - Depository Mgt 1.0
  - Depository Mgt 1.1
  - Depository Mgt 1.2

- **Account & Contract Mgmt**
  - Depository Mgt 1.0
  - Depository Mgt 1.1
  - Depository Mgt 1.2

- **Strategy & Enterprise Planning**
  - Electronic Banking 1.1
  - Electronic Banking 1.2
  - Electronic Banking 1.3

- **Performance Monitoring**
  - BI 1.0
  - BI 1.1
  - BI 1.2

- **Marketing**
  - Market Analysis
  - Market Analysis
  - Market Analysis

- **Procurement**
  - SCM 1.0
  - SCM 1.1
  - SCM 1.2

- **R & D**
  - R&D 1.0
  - R&D 1.1
  - R&D 1.2

**Opening expenses**

- <= 20.00
- 20.01 - 30.00
- 30.01 - 50.00
- 50.01 - 100.00
- 100.01 - 150.00
- > 150.00
- unspecified

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Analyze data and create reports
Example: Cluster Diagram - Input for Technical Standardisation

<table>
<thead>
<tr>
<th>Programming Language</th>
<th>Protocol</th>
<th>Middleware</th>
<th>Business Logic</th>
<th>Application Server</th>
<th>Database</th>
<th>Operating Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABAP #4</td>
<td>HTTP # 1.1</td>
<td>CORBA</td>
<td>Itenso # 2.9</td>
<td>Apache HTTP Server # 2.0</td>
<td>Adabas D # 13</td>
<td>ES2000</td>
</tr>
<tr>
<td>C</td>
<td>LDAP # 3.0</td>
<td>SAP ERP ECC # 6.0</td>
<td></td>
<td>JBoss # 5.1</td>
<td>DB2 # 9.1</td>
<td>Linux # SUSE Linux</td>
</tr>
<tr>
<td>C++</td>
<td></td>
<td>SAP NetWeaver MDM # 6.0</td>
<td></td>
<td>SAS Enterprise BI Server</td>
<td>Informix # 8</td>
<td>UNIX # HP-UX</td>
</tr>
<tr>
<td>COBOL</td>
<td></td>
<td>VM Ware Server # 2</td>
<td></td>
<td>Tomcat # 4.1</td>
<td>MySQL # 4.1</td>
<td>UNIX # Solaris</td>
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<tr>
<td>High Level Assembler</td>
<td></td>
<td></td>
<td></td>
<td>Tomcat # 5.5</td>
<td>Oracle # 10g</td>
<td>Windows # Server 2008 r2</td>
</tr>
<tr>
<td>Java # 1.4</td>
<td></td>
<td></td>
<td></td>
<td>Tomcat # 7.0</td>
<td>Proprietary DB # 2.0</td>
<td>z/OS</td>
</tr>
<tr>
<td>Java # 5.0</td>
<td></td>
<td></td>
<td></td>
<td>WebSphere # 7.0</td>
<td>SQL Server # 2008 r2</td>
<td></td>
</tr>
<tr>
<td>Java # 6.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Architectural Domain Accountability</th>
</tr>
</thead>
<tbody>
<tr>
<td>alice</td>
</tr>
<tr>
<td>bob</td>
</tr>
<tr>
<td>joe</td>
</tr>
<tr>
<td>max</td>
</tr>
<tr>
<td>sue</td>
</tr>
<tr>
<td>tom</td>
</tr>
<tr>
<td>water</td>
</tr>
<tr>
<td>unspecified</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technical Component Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
</tr>
<tr>
<td>Planned</td>
</tr>
<tr>
<td>Target</td>
</tr>
<tr>
<td>Inactive</td>
</tr>
<tr>
<td>Not assigned</td>
</tr>
</tbody>
</table>
Analyze data and create reports
Example: Nesting Cluster Diagram - Process Map
Analyze data and create reports
Example: Information Flow Diagram - Flow of customer data

<table>
<thead>
<tr>
<th>Status</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>C</td>
</tr>
<tr>
<td>Planned</td>
<td>P</td>
</tr>
<tr>
<td>Target</td>
<td>T</td>
</tr>
<tr>
<td>Inactive</td>
<td>I</td>
</tr>
</tbody>
</table>

**Number** | **Geschäftobjekte** |
---|---|
2 | Customer (C, R, U, D) |
4 | Account stmt, Accounting entry, Rating, Contract (R), Loan account |
7 | Rating, Customer (R, U) |

**Number** | **Informationssysteme** |
---|---|
1 | Callcenter # 3.2 |
3 | Loan Mgmt # 1.6 |
5 | CRM RB # 3.1 |
6 | Solvency check # 1.0 |
Analyze data and create reports
Example: Portfolio Diagram - Healthiness of IS-landscape
Analyze data and create reports
Example: Master Plan Diagram - IS affected by Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>Begin</th>
<th>End</th>
<th>Accountability</th>
<th>Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information Systems</td>
<td>03/31/2021</td>
<td>03/31/2022</td>
<td>Joe</td>
<td>&lt;= 50.00</td>
</tr>
<tr>
<td>CRM in Cloud</td>
<td>01/01/2011</td>
<td>01/31/2012</td>
<td>Joe</td>
<td>50.00 - 100.00</td>
</tr>
<tr>
<td>Migration DB</td>
<td>03/31/2021</td>
<td>03/31/2022</td>
<td>Joe</td>
<td>100.00 - 500.00</td>
</tr>
<tr>
<td>Clearing Inland # 3.0</td>
<td>01/01/2010</td>
<td>01/01/2011</td>
<td>Joe</td>
<td>500.00 - 700.00</td>
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<tr>
<td>Solvency check # 1.0</td>
<td>04/01/2011</td>
<td>04/14/2012</td>
<td>Joe</td>
<td>&gt; 700.00</td>
</tr>
<tr>
<td>Solvency check # 1.1</td>
<td>12/31/2012</td>
<td></td>
<td>Joe</td>
<td>unspecified</td>
</tr>
<tr>
<td>SWIFT clearing # 4.0</td>
<td>01/01/2007</td>
<td>01/31/2022</td>
<td>Joe</td>
<td></td>
</tr>
<tr>
<td>VISA clearing # 3.0</td>
<td>01/01/2009</td>
<td>01/31/2034</td>
<td>Joe</td>
<td></td>
</tr>
<tr>
<td>rTAN</td>
<td>-</td>
<td>-</td>
<td>Joe</td>
<td></td>
</tr>
<tr>
<td>Electronic banking # 2.3</td>
<td>06/01/2000</td>
<td>06/30/2019</td>
<td>Joe</td>
<td></td>
</tr>
</tbody>
</table>
Analyze data and create reports
Example: Composite Bar and Pie Chart - Operating Expenses of IS
Contact

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