

Using EA Debts to Steer Digitalization in Agile Environments

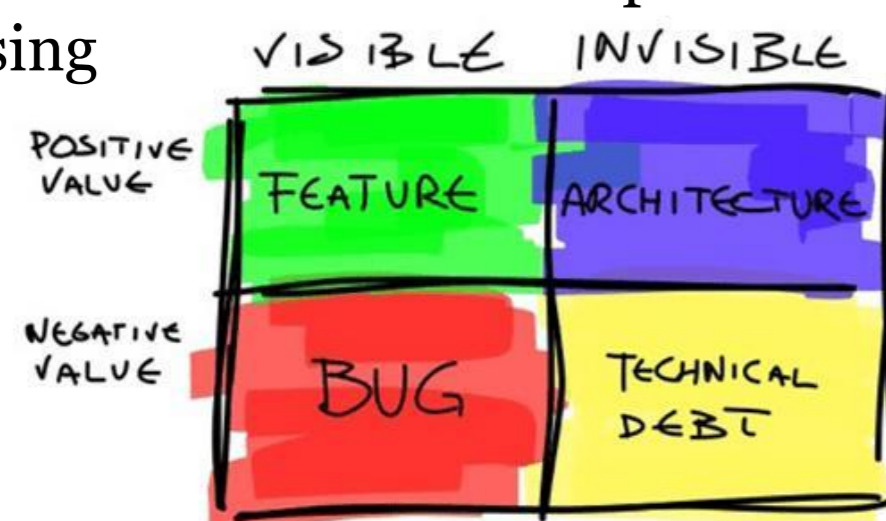
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**Agile projects tend to short-term goals:
*How to inject long-time goals?***

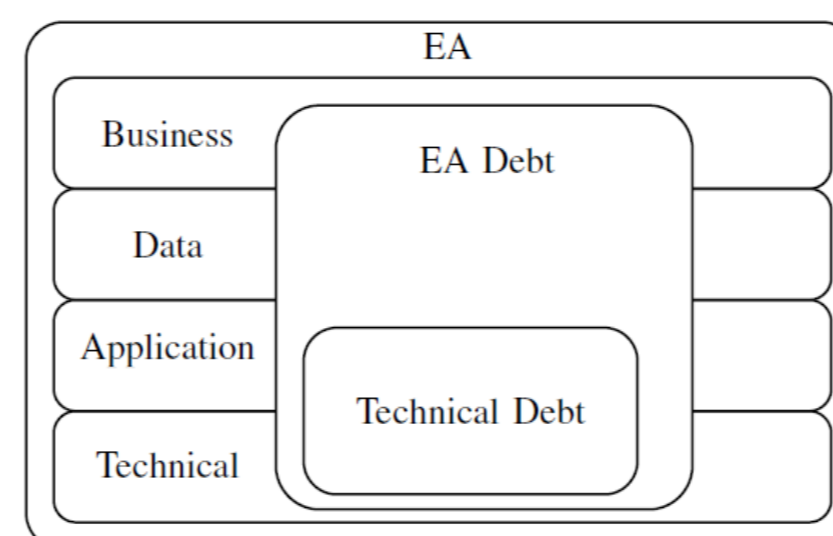
Technical Debt

- Not-quite-right code which we postpone making it right
- Invisible result of past decisions about software that negatively affect its future
- Concentrates on technical aspects → holistic view is missing



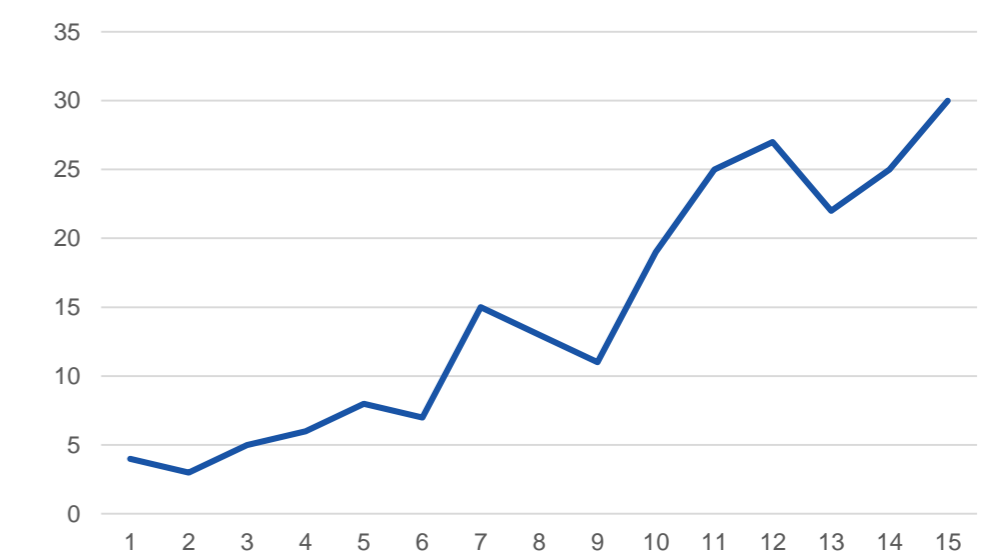
EA Debt

Enterprise Architecture Debt is a metric that depicts the deviation of the currently present state of an enterprise from a hypothetical ideal state.



EA Smells

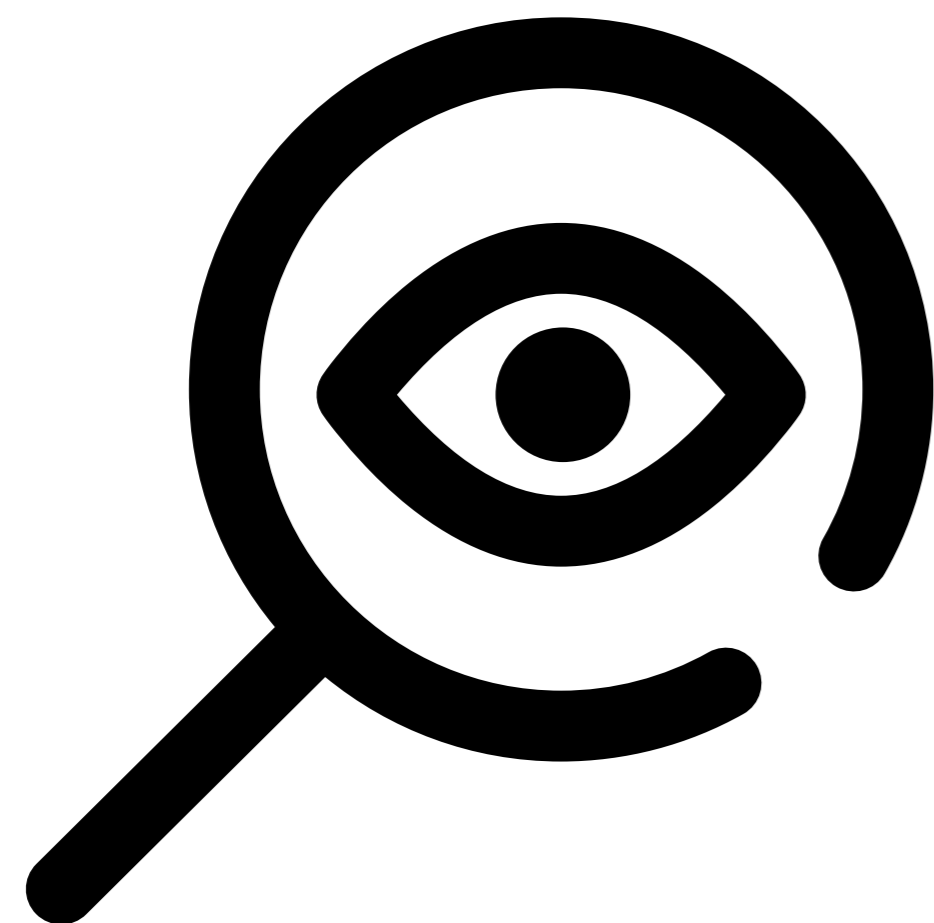
- Component of EA Debt
- Metric to rate quality
- Subset of EA Debt



Which EA Smells are suitable to identify the digitalization potential and to assess the progression of the digitalization?

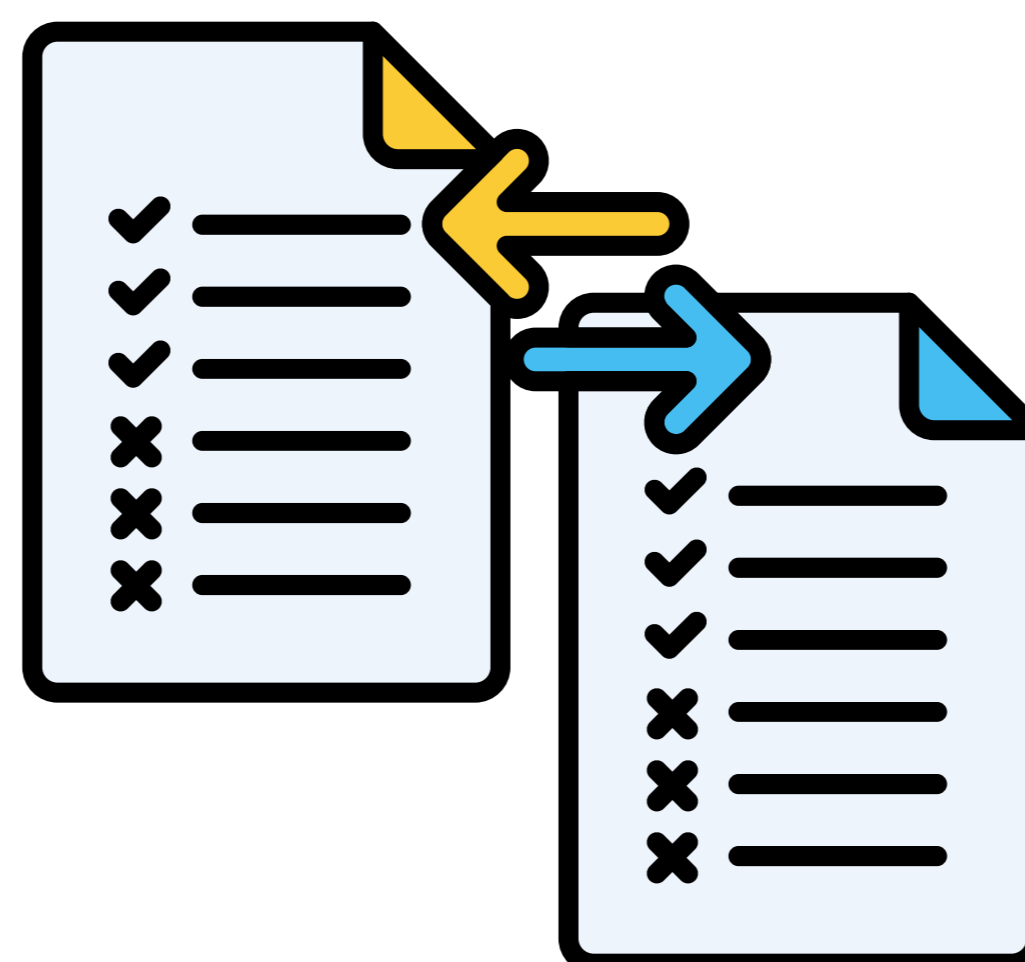
Identify

- Analyze EA
- Identify potential digitalization areas
- Estimate effort to make areas ready for digitalization



Compare

- Simulate different digitalization strategies
- Compare the influence on your EA
- Recommend best strategy



Examples

- Weakened Modularity



- Bloated Service



- Wrong Cuts

