Cypher Physical Systems

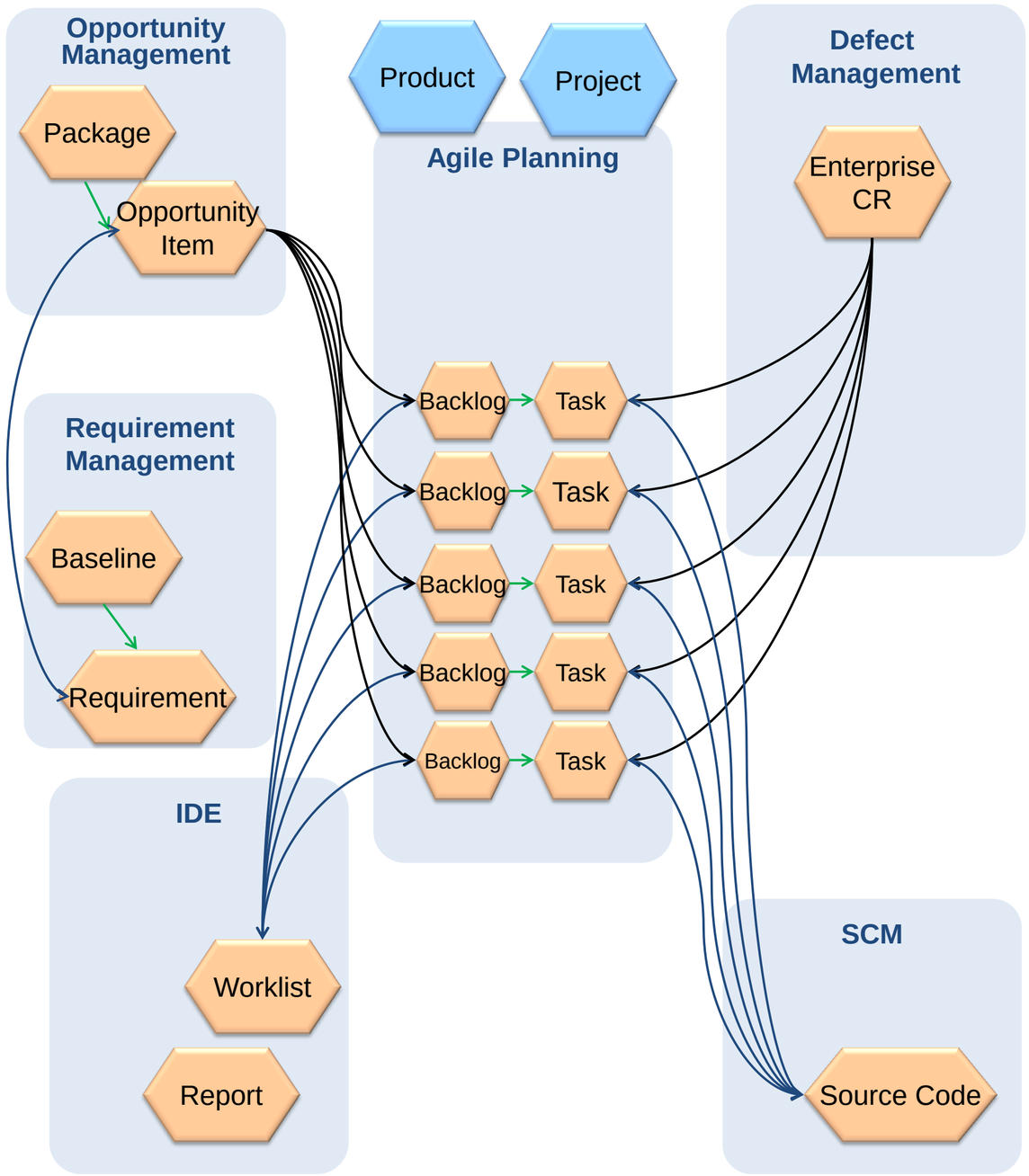
Integrated Information Engineering

TOOL Integrations

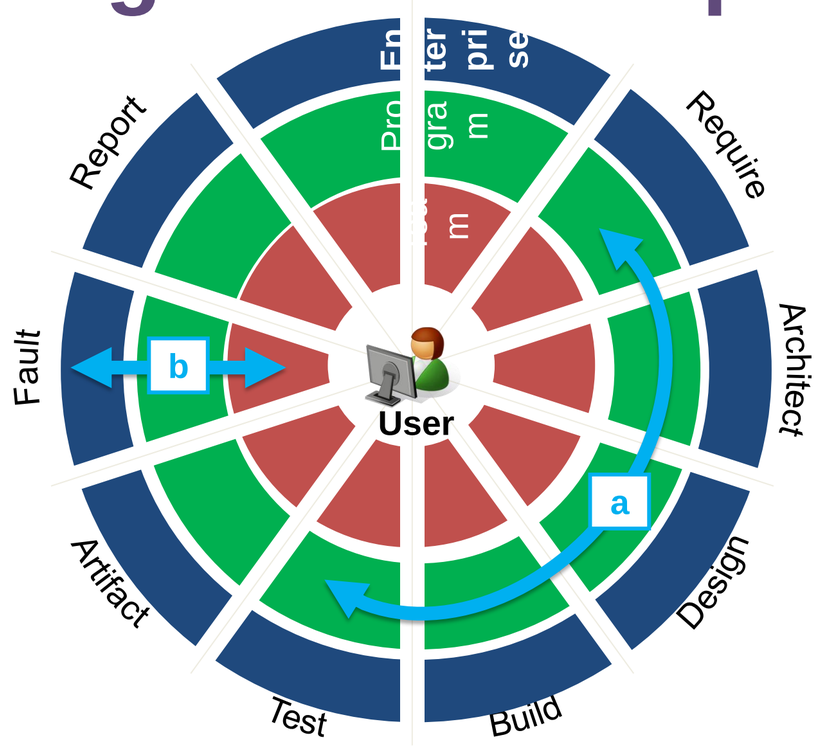
From requirements to upgrades, defects to patches, planning to testing, and sprint to deployment... there is a *stunning variety of applications* (tools) from several vendors that support phases (process) of developing, deploying and monitoring software. The number of tools in the R&D area is exploding as a result of the Agile transformation and It is likely that there will be no one-best-toolset.

Tool integration is about enabling collaboration between tools to enable a wider view and a continuous flow of the business processes hence delivering greater business value.

Integrations



Integration Principles



1. Evaluate the **use case before technology** when analyzing user demands for integration
2. Always prefer **domain standard** for integration technology within domain
3. Avoid **duplication of writable data and logic** between tools
4. Strive to **make integrations general**
5. Strive to **have integrations be maintained in conjunction with the core tool**
6. Avoid **duplicating functionality between tools**
7. Provide **data for consolidated Reporting**
8. Cooperate to facilitate an **integration test environment**
9. Strive to provide a **single-sign on solution**

Deliverables

Open Source OSLC Plugins

Visual Studio TFS

JIRA

CollabNet. *ongoing*

HANSOFT

OSLC Adapter Generator with Stockholm University (Sweden)