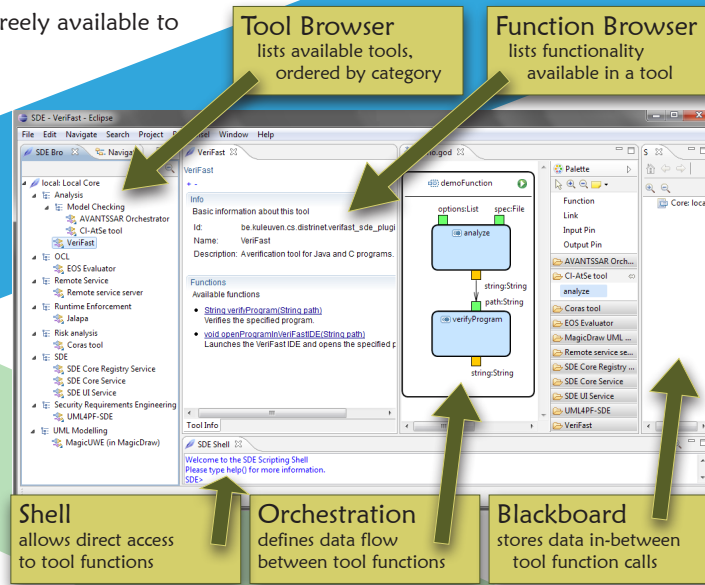


Service Development Environment (SDE)

The SDE supports the development of secure software. It provides a service-oriented tool workbench. SDE main characteristics are:

- tools provide arbitrary functionality
- tools are wrapped by a service layer
- tools can be used as-is, or combined to a toolchain
- a graphical editor is used to specify toolchains

The SDE is based on Eclipse and is freely available to both researchers and practitioners.



NESSoS project

NESSoS aims at constituting and integrating a long lasting research community on engineering secure services and systems.

The project addresses security concerns during the early phases of the development life cycle of software services and systems, thus contributing to reduce the amount of vulnerabilities and enabling the systematic treatment of security needs through the engineering process.

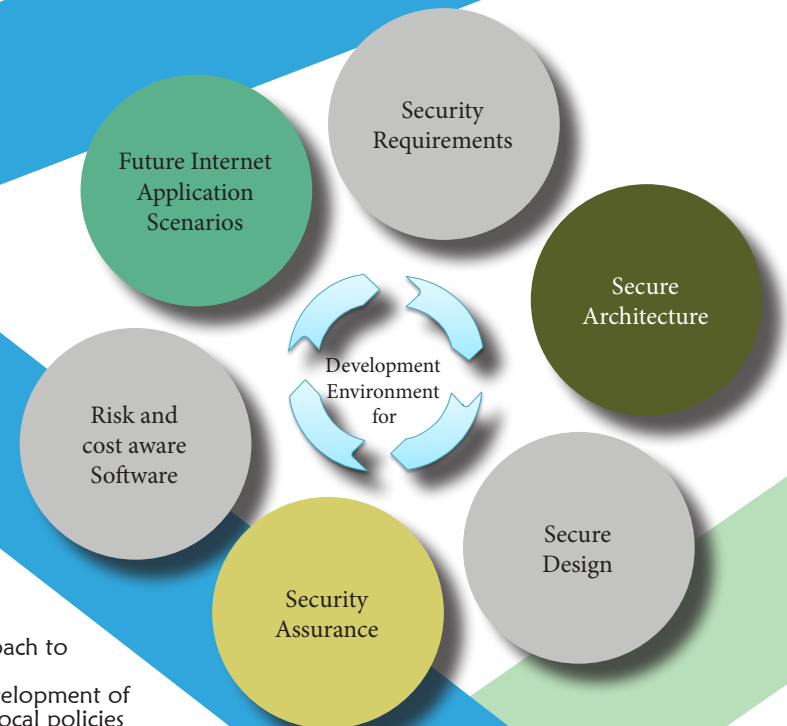
Examples of SDE tools

- CI-Atse is an engine based on constraint logic searching for attacks on security protocols and services
- CORAS is a model-driven approach to risk analysis
- Jalapa is a tool suite for the development of Java applications secured with local policies
- VeriFast is a verifier for single-threaded and multi-threaded C and Java programs.

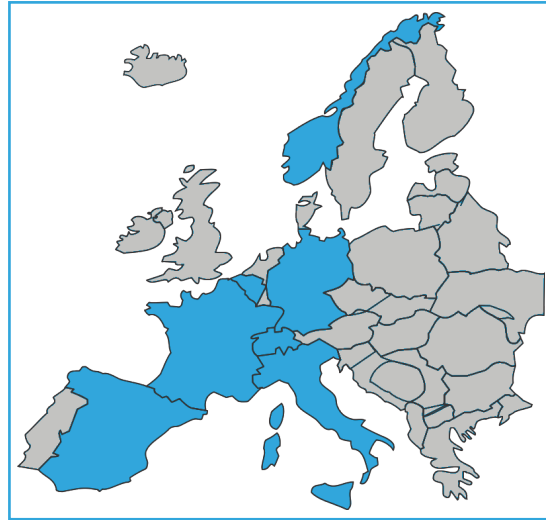
and more, as e.g. AbsInt, Avantssar Orchestrator, EOS, MagicUWE, PRRS, UWE2XACML, X-CREATE, ...

Do you think your tool should also be available within the SDE ?

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Engineering Secure Future Internet
Software Services and Systems

SDE

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Service Development Environment
NESSoS tool workbench



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