

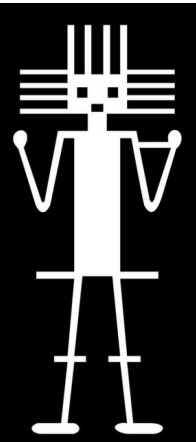
KMAC: Finite State Machine Template

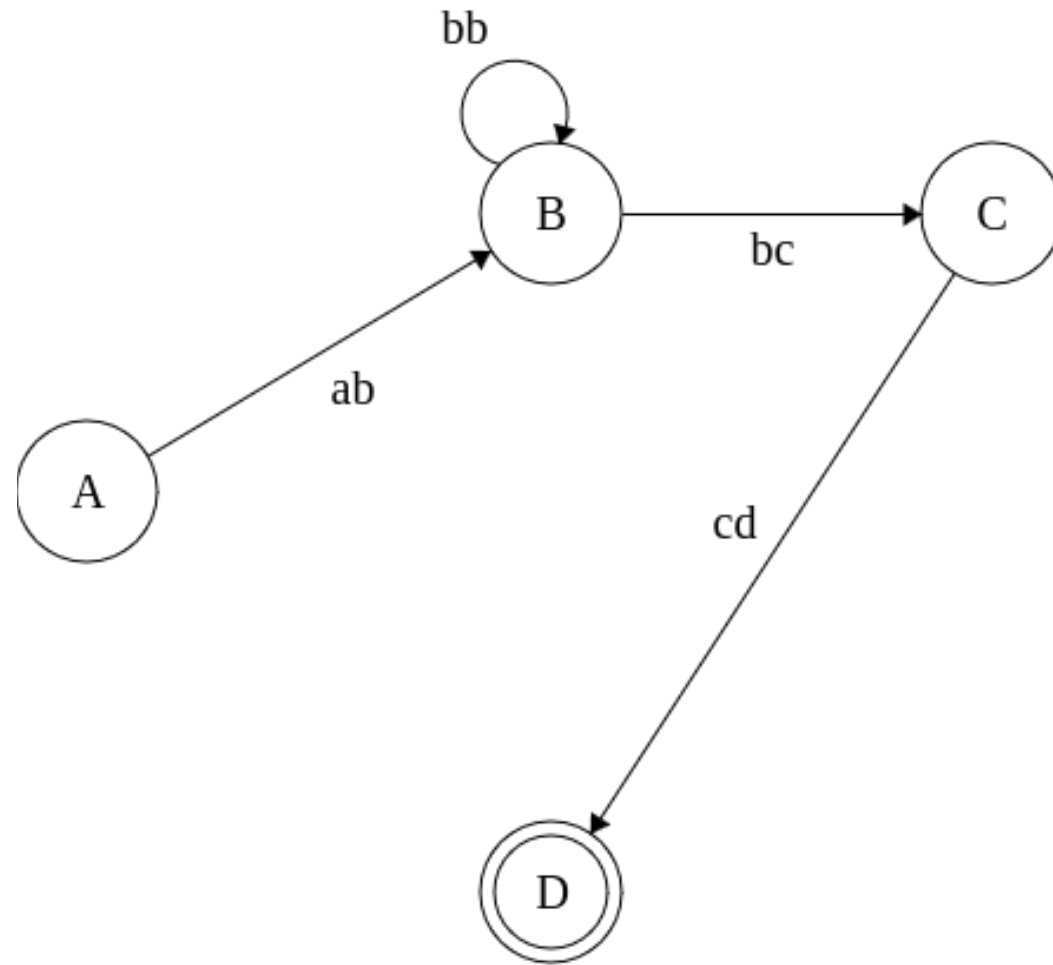
built with
soroban-sdk

Developed by: @huitemagico

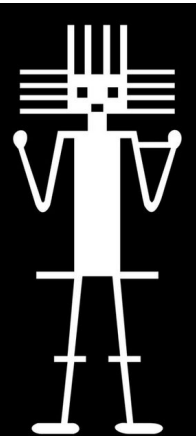
The **KMAC** project is a program constructed with the **soroban-sdk**, which implements a **Finite State Machine** template

A Finite State Machine is a mathematical **model** employed in several computing domains, including the design and development of **Smart Contracts**.



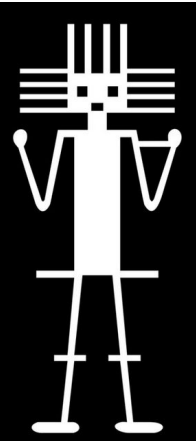


Finite State Machine process with having **states** and **transactions**

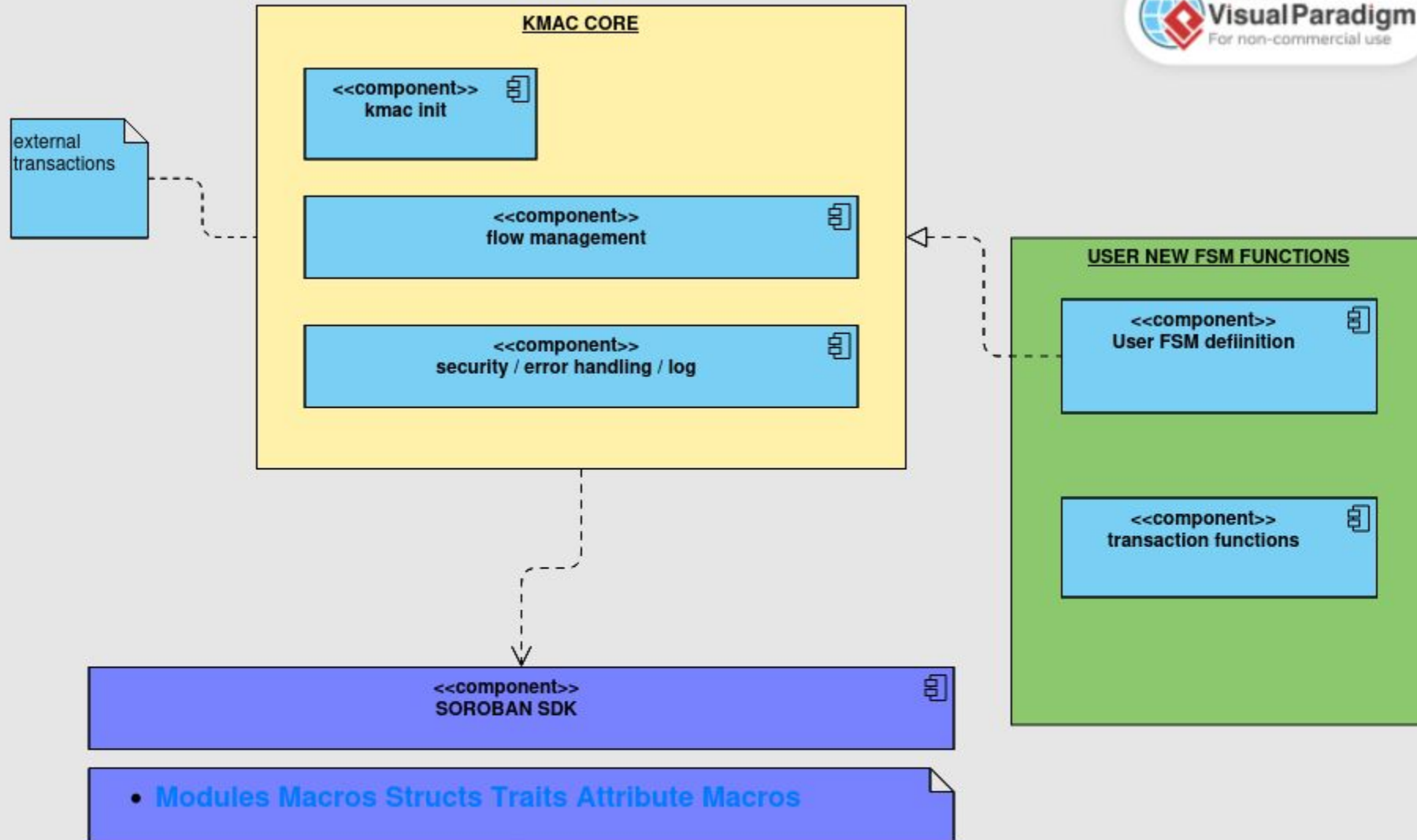


The **KMAC** project:

- KMAC's core: flow management and security.
- Easily add new functionality: The KMAC core calls user defined components
- Reuse core components.

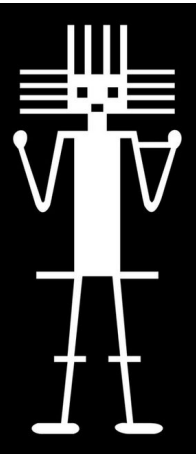


kmac architecture



Why **KMAC** for Soroban and Stellar?:

- Open-source implementation of design patterns.
- Aids studying, testing, and documenting design patterns in contracts.
- Reusing KMAC accelerates release time.





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(huitemagico)

- Computer Science Degree
- 50+ years experience
- 30 years as a project leader in banking-related projects.
- Rust & soroban-sdk fan

