SIEMENS
Healthineers

Healthy Coexistence

Can FOSS based compliance tools talk to
software health dashboards?

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Motivation

co·ex·istence
/ˌkōigˈzistəns/

noun
noun: coexistence; plural noun: coexistences; noun: co-existence; plural noun: co-existences

the state or fact of **living or existing at the same time or in the same place**.

"what is needed today is peaceful(healthy) coexistence"

Communication

The Compliance Maze

- Mysterious

- Potential dangers

- Probability of attacks

Maze Photograph - Plant Made Maze In Park Garden by Ngkaki
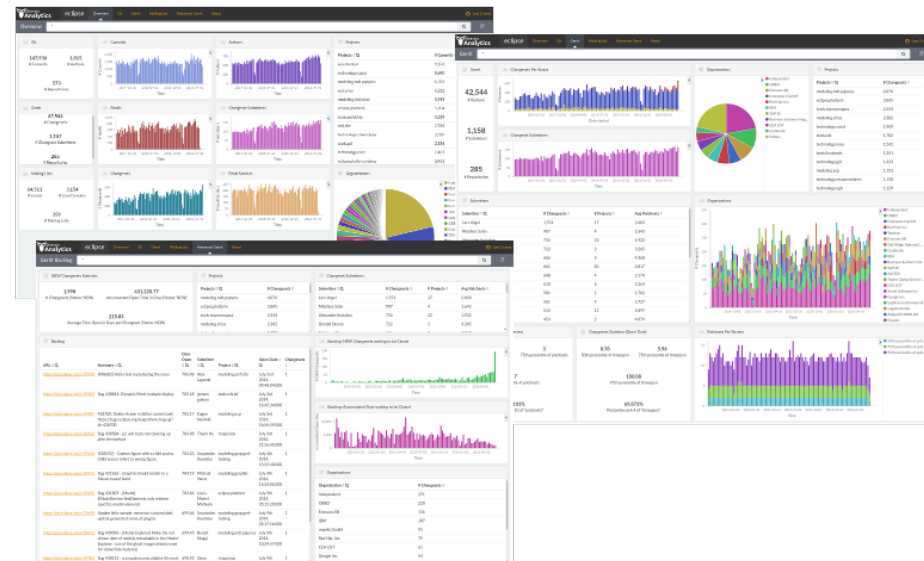
How to figure out your way in the maze?

Compliance Tools

- What are they capable of?

- What do they lack?

- How fast can they evolve?

- Which direction should they evolve?

Health Dashboards

- What information are available?

- API availability

- Technical advantages

Compliance tools + Dashboards = Value

- How can they talk?

- What should they talk or exchange?

- What language should they speak?

Community Perspective

- Approved Licenses (e.g.OSI)

- Standard Formats (e.g.SPDX)

- Harvested Metadata

Organizational Perspective

- Available usage data

- Popular components/projects
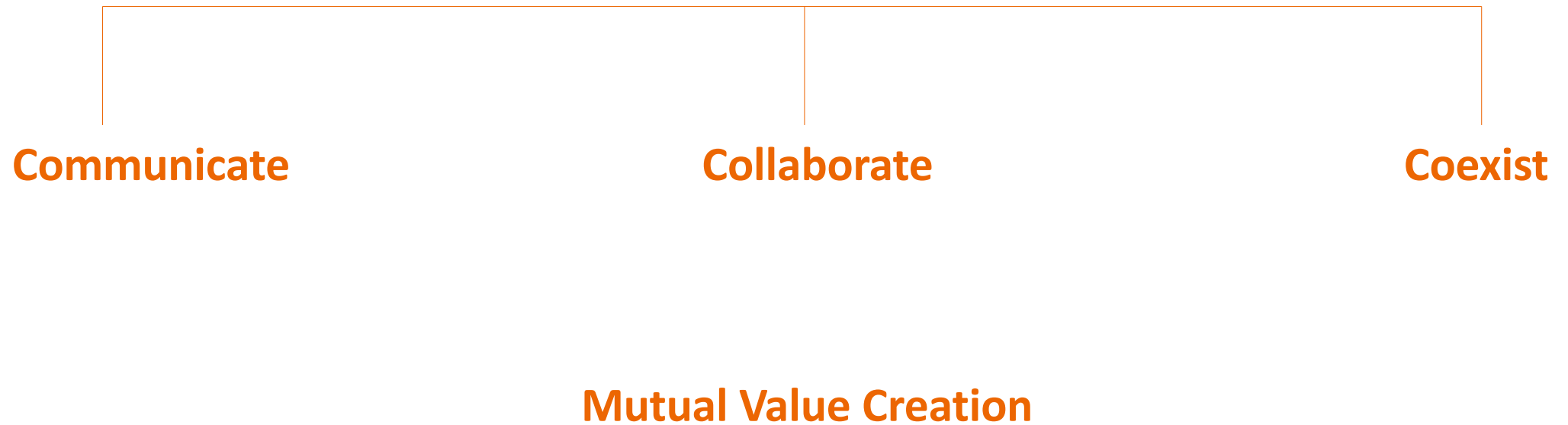
- Education

- CI/CD - DevOps

Idea/Proposal

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┌──────────────┐          ┌──────────────┐          ┌──────────────────────┐
│              │          │              │          │   Data Curation      │
│              │   ───▶    │  Compliance  │   ◀───▶   │  Eg. Clearly Defined │
│  Dashboards  │          │    Tools     │          └──────────────────────┘
│              │          │ (Fossology)  │          ┌──────────────────────┐
│              │          │              │          │     Org Repos        │
│              │          │              │          │     (SW360           │
└──────────────┘          └──────────────┘          └──────────────────────┘
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Value Addition

- Health score/rankings

- Usage recommendations

- Similar component recommendations

Concluding...

Communicate   **Collaborate**   **Coexist**

Mutual Value Creation

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