



Glossary

A controlled document of the Yoma Rules

Version 1.0
19 December 2021

This publicly available <guide, template, spreadsheet, etc.> was approved by the ToIP Foundation Steering Committee on [date of approval (dd month yyyy)].

The mission of the [Trust over IP \(ToIP\) Foundation](#) is to define a complete architecture for Internet-scale digital trust that combines cryptographic assurance at the machine layer with human accountability at the business, legal, and social layers. Founded in May 2020 as a non-profit hosted by the Linux Foundation, the ToIP Foundation has over 300 organizational and 100 individual members from around the world.

Please see the end page for licensing information and how to get involved with the Trust Over IP Foundation.

This is a **controlled document** of the **Yoma Rules (YR)**.

Document Name	Yoma Glossary
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Owned By	administering authority
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1 Formatting

1. Terms that are used, and whose meaning is defined in this glossary, and whose meaning is included in this glossary, appear in bold. When a term that is defined in this glossary appears as regular text (not bolded), it is to be interpreted as usual (e.g. according to well-known dictionaries).
2. In some cases, where a term is imported from another scope, its definition will use supporting terms that are hyperlinked to their definitions in that scope. Those hyperlinks have only been replaced with terms in **bold** only if the supporting term is included in this glossary.

2 Alphabetical Glossary

See the Yoma Glossary (<https://trustoverip.github.io/yoma/glossary.html>)

Terms are also drawn from the eSSIF Lab Glossary (<https://trustoverip.github.io/essiflab/glossary.html>) and the Trust over IP Foundation Core Terms Glossary (<https://trustoverip.github.io/toip/glossary.html>)

Term	Definition
action	something that is actually done/executed - by a single actor (on behalf of a given party), as a single operation in a specific context.
actor	Entity that can act (do things), e.g. people, machines, but not organizations .
administering authority	A yoma role that is fulfilled by the yoma member(s) that enforce the yoma governance framework . #ToIP Administering Authority - The party responsible for administering a particular governance framework. The administering authority may or may not be the governing authority. For example, an NGO may be the administering authority for a governance framework governed by a government as the governing authority. #essif-lab the party that operates [the enforcement component of] the legal system of that jurisdiction .
agent	an actor that is executing an action on behalf of a party (called the principal of that actor for that action).
artificial intelligence (AI)	A non-human actor which executes machine-readable rules or performs transactions in order to achieve objectives of a party for which it is an agent .
community	an organization that seeks to facilitate the cooperation between at least two parties (its 'members') based on interests that these parties share as each of them seeks to realize its own, individual

	objectives
credential	A set of one or more claims made by an issuer .
digital CV	The digital data which together describes a Yoma Member's work experience, skills, training and educational qualifications. The Digital CV contains assertions , attributes , Credentials and Verifiable Credentials which can be wholly or partially presented to a 3 rd Party inside or outside the Yoma Community. The Verifiable Credentials can be cryptographically verified on the Yoma Platform.
digital data	a sequence of bits that can be used to communicate meaning/information.
donor	A party whose objective is to provide resources (e.g. money) to the yoma community
ecosystem	a set of at least two (autonomous) parties (its 'members') whose individual work complements that of other members, and is of benefit to the set as a whole. [An ecosystem may contain one or more communities]
education opportunity	A course, learning experience or tutorial, that is listed on the yoma platform and which adds skills, knowledge or experience to a digital CV
employment opportunity	A job with a contract and at least minimum wage payment that is listed on the yoma platform and which adds work experience to a digital CV
entity	someone or something that is known to exist
governance framework (GF)	A blueprint containing the principles, policies, rules, procedures and accountabilities of parties and actors within a digital trust community. The Governance Framework forms the legislation of a legal system which may apply at one or more layers of the ToIP stack (source: Trust Over IP Governance Metamodel Companion Guide)
governing authority	A Yoma Role that is fulfilled by the Yoma Member(s) that author(s), maintain(s) and publish(es) the Yoma governance framework. #ToIP Governing Authority - An entity that is responsible for a framework (Governance Framework (GF)) of policies, rules, procedures and accountabilities of roles within one or more Layers of the ToIP Stack #essif-lab the party that operates [the legislative component of] the legal system of that jurisdiction .
holder	(W3C Verifiable Credentials Data Model 1.0) A role an entity might

	perform by possessing one or more verifiable credentials and generating presentations from them. A holder is usually, but not always, a subject of the verifiable credentials they are holding. Holders store their credentials in credential repositories .
impact task	A type of opportunity that is listed on the Yoma Platform and which has positive environmental or social benefits to the communities in which Yoma operates
issuer	(W3C Verifiable Credentials Data Model 1.0) A role an entity can perform by asserting claims about one or more subjects, creating a verifiable credential from these claims, and transmitting the verifiable credential to a holder.
jurisdiction	the composition of a legal system (legislation, enforcement thereof, and conflict resolution), a party that governs that legal system , a scope within which that legal system is operational, and one or more objectives for the purpose of which the legal system is operated. See also the Jurisdictions pattern .
legal system	A system in which rules are defined, and mechanisms for their enforcement and conflict resolution are (implicitly or explicitly) specified.
duties	Requirements that use a MUST, MUST NOT, SHALL, SHALL NOT or REQUIRED keyword.
marketplace	An organization that makes use of the Yoma Platform so that Yoma Members can exchange Incentives for goods and services provided by Marketplace Suppliers
marketplace supplier	A party whose objective is to sell goods or services in exchange for Incentives that can be earned by Yoma Members through their transactions on the Yoma Platform.
mental model	A description, both casual and formal, of a set of concepts (ideas), relations between them, and constraints, that together form a coherent and consistent 'viewpoint', or 'way of thinking' about a certain topic.
objective	Something toward which a party (its owner) directs effort (an aim, goal, or end of action).
opportunity	A kind of action labelled as a challenge, impact task or education course which is listed on the Yoma Platform by an Opportunity Provider so that Youth Participants can realize their objectives .
opportunity provider	A Yoma Role that is fulfilled by any Yoma Member that recruits Youth Participants to undertake their Opportunities.
options	Requirements that use a MAY or OPTIONAL keyword.

organization	a party that is associated with a group of actors that work to realize its objectives .
party	an entity that sets its objectives , maintains its knowledge , and uses that knowledge to pursue its objectives in an autonomous (sovereign) manner. Humans and organizations are the typical examples.
policies	Human-Auditable Requirements written using standard conformance terminology. For Policies used in ToIP Governance Frameworks, the standard terminology is RFC 2119 keywords.
practices	Activities within Processes to achieve Process requirements.
processes	Human-Auditable Requirements that specify actions and methods to achieve Policy objectives.
public utility	A publicly readable and verifiable data storage network for Decentralized Identifiers (DIDs) (e.g. using blockchain, distributed ledger technology (DLT) or Decentralized File System.).
recommendations	Requirements that use a SHOULD, SHOULD NOT, or RECOMMENDED keyword.
rules	Machine-Testable Requirements that are written in a Machine-Readable language and can be processed by a Rules Engine. They are expressed in a structured rules language as specified by the governance framework.
technology provider	A party whose objective is to sell hardware or software technology services to the Yoma Platform Operator
token	Digital assets which represent monetary, social, environmental, governance or other economic value and which can be exchanged by actors through transactions on the Yoma Platform.
token provider	A party whose objective is to promote the growth of the Yoma ecosystem by providing tokens which can be exchanged as in transactions between actors within the yoma community.
transaction	the exchange of goods, services, funds, or data between some parties (called participants of the transaction).
trust registry	A network service that enables a governing authority for an ecosystem governance framework (EGF) to specify what governed parties are authorized to perform what actions under the EGF
verifiable credential	A tamper-evident credential that has authorship that can be cryptographically verified. Verifiable credentials can be used to build verifiable presentations , which can also be cryptographically verified. The claims in a credential can be about different subjects .

verifier	(W3C Verifiable Credentials Data Model 1.0) A role an entity performs by receiving one or more verifiable credentials, optionally inside a verifiable presentation for processing. Other specifications might refer to this concept as a relying party.
xYR	Extension Yoma Rules
yoma community	An organization that (1) pursues the realization of the Yoma objectives, (2) has established a set of (extension) Yoma Rules to which every of its Members has committed, and (3) one such member has additionally committed to fulfill the role of administering authority.
yoma member	A party that has committed itself to the Yoma Rules in a legally enforceable manner, for at least one specific Yoma Role. Hence, a Yoma Member (is expected to) contributes to the the realization of the Yoma Objectives
yoma objectives	The set of objectives that (the Members of) the Yoma Community seeks to realize.
yoma platform	The set of non-human actors supplied by technology providers that enable parties to carry out transactions using the Yoma Platform.
yoma platform operator	A Yoma Role that is fulfilled by the Yoma Member(s) that build, deploy and operate the yoma platform.
yoma role	The position of a Yoma Member in a specified Yoma Community, from which it pursues a specific set of objectives related to that role, the realization of which constitutes a specific contribution to the realization of the Yoma Objectives in that community; the (x)YR of this community SHOULD specify all particular rules that any Yoma Member that fulfills this role MUST follow.
Yoma Rules (YR)	The Yoma interim governance framework.
youth participant	A Yoma role that is fulfilled by the Yoma member(s) who use the yoma platform to achieve the objective of personal self-development

3 Mental Models in Use

The **Yoma Rules** (interim **governance framework**) are based on [the four layered Trust over IP Foundation model.v](#)

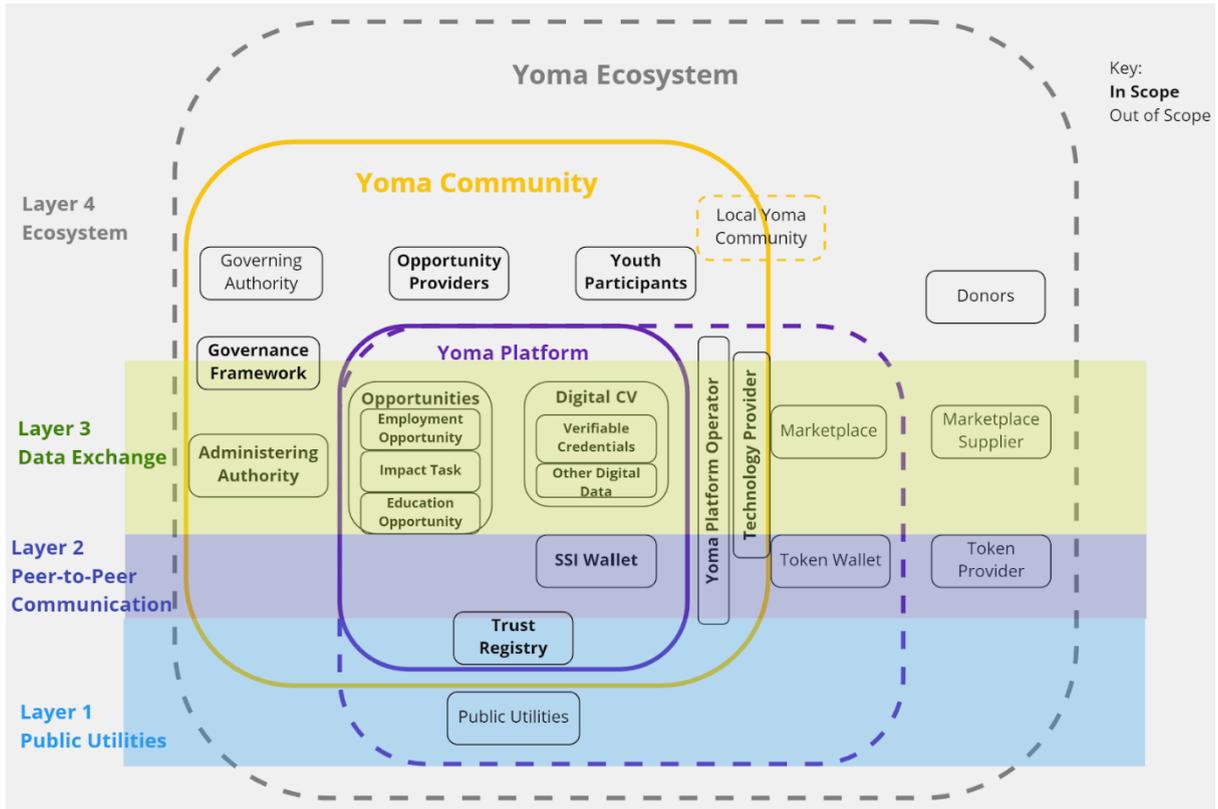


Figure 1 Figure 5 ToIP 4 layers overlaid on the Yoma Ecosystem

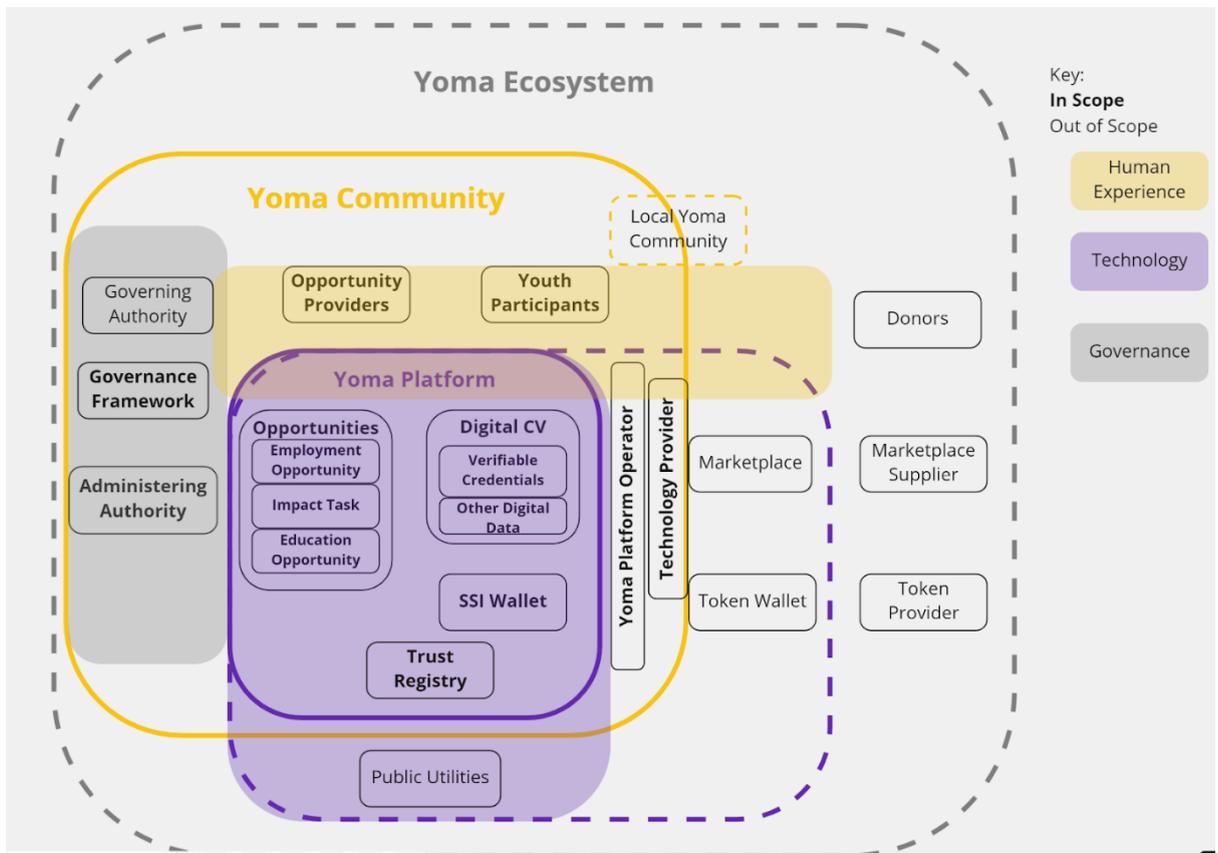


Figure 2 ToIP stacks overlaying the Yoma Ecosystem

In addition it uses the following [mental models](#) from eSSIF-Lab:

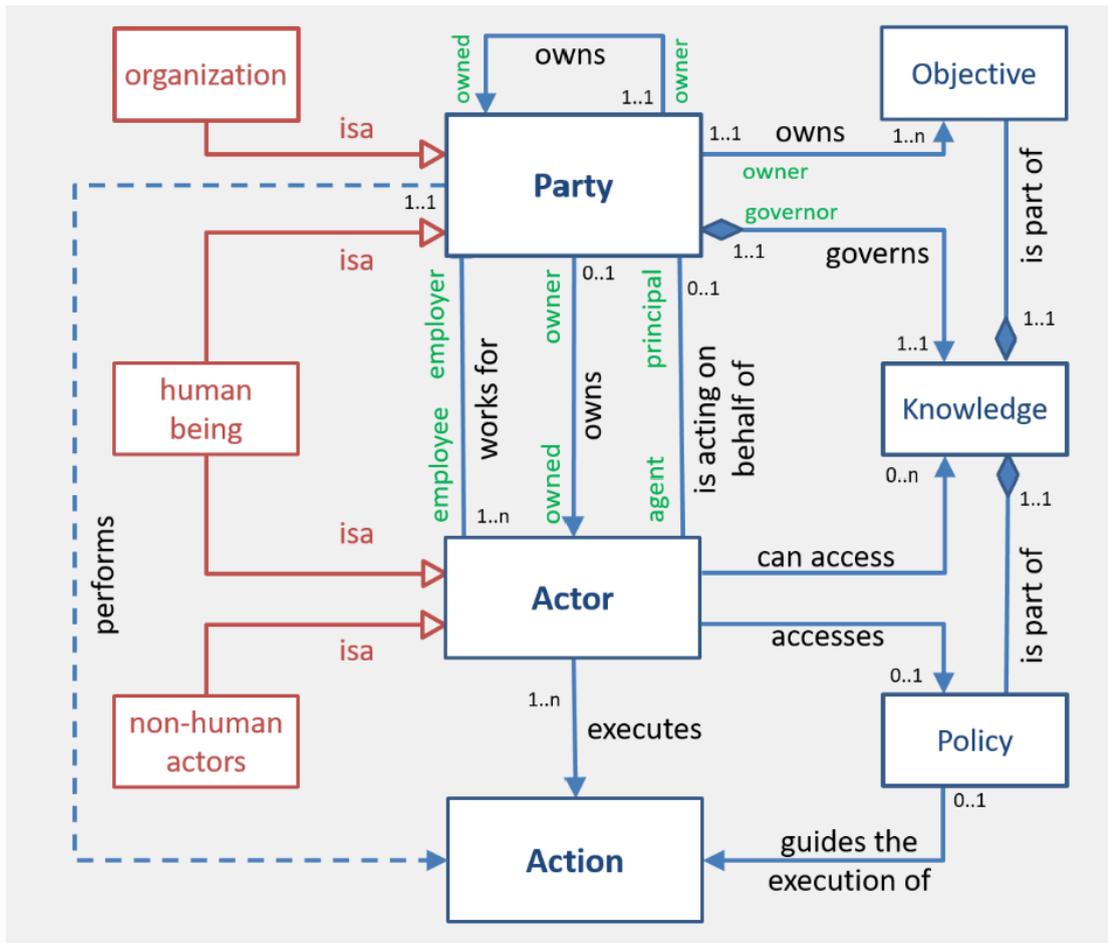


Figure 3 Parties, Actors, Actions #essif-lab

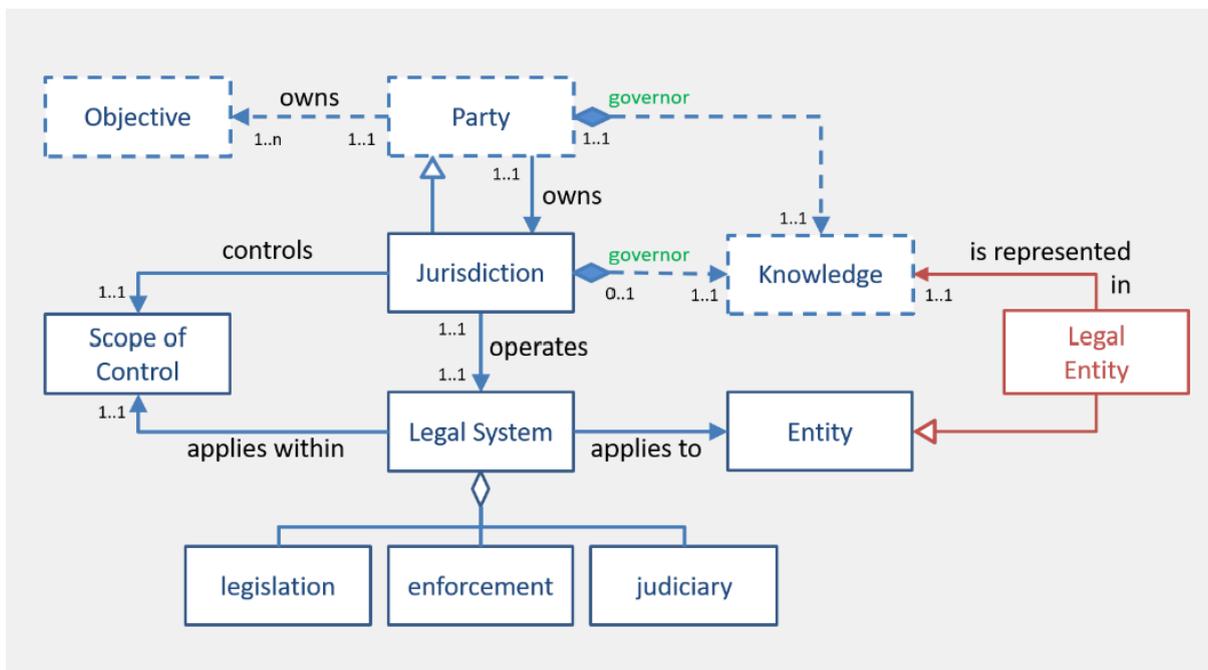


Figure 4 Jurisdictions #essif-lab



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- ❖ Specifications to be implemented in code
- ❖ Recommendations to be followed in practice
- ❖ Guides to be executed in operation
- ❖ White Papers to assist in decision making
- ❖ Glossaries to be incorporated in other documents

ToIP is a membership organization with three classes—Contributor, General, and Steering.

The work of the Foundation all takes place in Working Groups, within which there are Task Forces self-organized around specific interests. All ToIP members regardless of membership class may participate in all ToIP Working Groups and Task Forces.

When you join ToIP, you are joining a community of individuals and organizations committed to solving the toughest technical and human centric problems of digital trust. Your involvement will shape the future of how trust is managed across the Internet, in commerce, and throughout our digital lives. The benefits of joining our collaborative community are that together we can tackle issues that no single organization, governmental jurisdiction, or project ecosystem can solve by themselves. The results are lower costs for security, privacy, and compliance; dramatically improved customer experience, accelerated digital transformation, and simplified cross-system integration.

To learn more about the Trust Over IP Foundation please visit our website, <https://trustoverip.org>.

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