

OIX

Open Standard Tools

User's Guide

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Introduction

This User Guide provides an overview of a set of draft tools that have been developed under the auspices of the OIX Advisory Committee and the OIX Legal Policy Committee toward the creation of a set of online tools that can assist parties involved in the design, development and deployment of Trust Frameworks.

The tools are designed to accommodate the need for structured legal analysis for both domestic and international participants in data/identity systems. This is accomplished through a core focus on “data actions” that are common to systems in all jurisdictions and industries.

From that core “data actions” structure, the tools support the analysis of multiple technologically and legally-relevant variables including those associated with the laws of different jurisdictions, different types of data, different types of parties, different contexts and a host of other variables. The initial draft tools reflect an emphasis on US law simply because that is the jurisdiction in which the initial authors are admitted to practice.

On the U.S. domestic side, the structure and analysis reflected in these tools is intended to be consistent with the American Bar Association Report on identity legal issues. In a sense, the tools are intended to host a “living version” of that report; but the use of online tools permits the expansion of the scope of that report to meet the needs of all Trust Framework participants at internet scale. Members of the OIX Advisory Committee are involved in the preparation of the ABA report. The tools are also structured in an effort to anticipate the needs and perspectives of system participants that are reflected in a number of other US and international initiatives.

The “paper” form of the core functionality of these tools is presented in these documents. It is anticipated that the online versions will have vastly improved user interfaces and additional functionality that can be supported by the online version.

The preparation of these initial drafts has generated several hundred pages of footnotes and related analyses which are not included in this notebook. Those materials will be made available for inclusion in the risk wiki as appropriate, and are available upon request to interested parties.

OIX Tool Drafting Notes:

The following is list of various Trust Framework development and deployment tools that have been developed in draft form for further consideration and development by the OIX Advisory Committee and other interested parties within and outside of OIX.

It is intended that each of these tools be developed with the participation of stakeholders and other parties interested in the development of Trust Frameworks and the data/identity systems that they help to configure.

List of Tools

The following is a list of:

Trust Framework Development and Evaluation Tools,
Tools for Policy Makers, and
Market-Based Tools

that are currently under development and supported by OIX.

A complete description and other current drafts of the tools are presented in the Exhibits to this User Guide.

Trust Framework Development and Evaluation Tools:

Tools 1-6 are designed for use in open standard identity system (i) development, deployment, updating and/or (ii) evaluation by:

System service providers (such as IDPs and other data handlers),
System “users” (such as data subjects and relying parties), and
Policy makers

1. **OIX Trust Framework Legal Checklist**
(Common structured process to support all stakeholders’ legal analyses)
2. **OIX Data Action Diagrams**
(Reference diagrams of nine (9) common identity system “data actions”)
3. **OIX Data Flow Mapping Tool**
(Open standard data action/process flow visualization tool)
4. **OIX Data Action Survey Tool** (was “verbs taxonomy”)
(Open standard “survey” format helps self-audit of data flows/actions)
5. **Global Glossary Grid**
(Open standard definition comparison tool for all legal documentation)
(Tool originally developed by American Bar Association and Identity Commons and now supported by OIX)
6. **OIX Risk Wiki**
(Open standard platform for developing and evaluating new product and service legal “best practices” based on “data flow/data actions” construct)

Tools for Policy Makers

Tools 7 and 8 are intended primarily for use in higher, policy-related discussions such as that associated with modifying traditional FIPPs, the crafting of overall Meta-Trust Framework structures, the drafting of legislation, regulations and enforcement policies by governments and industry groups and other higher policy level discussions.

Tool 7 (the OIX FIPPs Comparison Tool) focuses on data subject privacy needs (consistent with FIPPs original purposes).

In contrast, Tool 8 is intended to provide a broader, multi-stakeholder view of existing and potential needs and solutions.

7. OIX FIPPs Comparison Tool

(Re-sorts FIPPs from different jurisdictions by “theme” to inform work to develop new and updated FIPPs)

8. OIX Harm and Solution Coordination Matrix

(Re-sorts and “maps” current legal authorities and current regulatory proposals into a grid format aggregating information about (i) intended beneficiaries, (ii) sources of authority, (iii) data/identity contexts, (iv) types of “harms” that the authorities are intended to address (both currently legally cognizable and speculative), and (v) “solutions” that they offer to various stakeholders that are subject to those authorities.

Market-Based Tools

Tool 9 is more of a “market-feedback” mechanism than a development tool, although the “market” information functions to inform development, improvement, and innovation in data/identity-related products and services. The broad use of Tools 1-8 is intended to cause the listed Trust Frameworks to be more interoperable, encouraging standardization of “best practices” and an innovation “race to the top.”

9. OIX Trust Framework Metadata Listing Service

(Listing of metadata and terms of completed and third party certified Trust Frameworks documents provides “market” for stakeholders in social communities, commercial markets and political governmental structures to view and compare various aspects of Trust Frameworks to identify appropriate solutions and innovation opportunities and “best practices.”)

