

# *Open Justice Ontology (OJO)*

by

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## *Summary:*

**Open Justice Ontology (OJO)** develops a rule of law (RoL) semantic ontology controlled vocabularies for the establishment of public international law (PIL) open source regulatory compliance of projects concerning open ethic. It was developed from years of international law integration (ILI) public and nonprofit policymaking and compiled due to an invitation of the University of Pennsylvania (UPenn) Wharton School Legal Studies and Business Ethics Department to peer review and mediate in its Normative Philosophy Conference. Its main aim is to establish open justice principles as the foundation of open courts and open law.

## *Keywords:*

Rule of Law (RoL), Public International Law (PIL), International Law Integration (ILI), Open Justice, Open Courts, Open Law, Open Compliance.

## *1. Interontological Alignment Analysis:*

**Open Justice International Compliance** historiography of the open source methodologies usage in juridic sciences to understand how the rule of law (RoL), since its inceptions in ancient civil legislation's "erga omnes (by everyone, for everyone, to everyone, with everyone, in front of everyone)", have defended open access to justice and how it became the open justice fundamental principle for the peremptory norms of the public international law (PIL) with its international laws integration (ILI) after the 'International Humanitarian Law (IHL)' and the 'Universal Declaration of the Human Rights (UDHR)'. It was written for an Order of Layers of Brazil (OAB) invited amicus curiae consultancy for a federal parquet investigation.

**A Minimum Open Justice System Literacy**, this open research maps the movements advocating for open court systems around the world, such as the International Court of Justice (ICJ), International Criminal Court (ICtC), Permanent Court of Arbitration (PCA), World Justice Project (WJP), Open Ethics Initiative (OEI), and Kleros online dispute resolution (ODR) blockchain in order to scrutinize their open jurisprudence technologies concerning legal assessment, risk mitigation, and harm-reduction open restorative justice (ORJ) civil programs implementations.

**Questioning How the Open Courts Ecosystem is Organized**, this open educational resource (OER) presents the current best practices in the development of open source, open access, and open data immutable-ledgers-based law analysis legal management services (LMS) technologies (LawTech) for legal agencies, contractual legal technologies (LegalTech) and regulatory technologies (RegTech) in conformance with the United Nations Education Science Culture Organization (UNESCO) open science recommendations, World Wide Web Consortium (W3C) semantic web ontology (SWO), Internet Governance Forum (IGF), and Ethical Source open licenses standards under the United Nations Evaluation Group (UNEG) open standards.

So Establishing Open Compliance Technologies through open justice open jurisprudence of open courts in a constitution building methodology that may serve community open policymaking with a best practices shareable commons in compliance with the ConstitutionNet.

## *2. Open Justice Principles:*

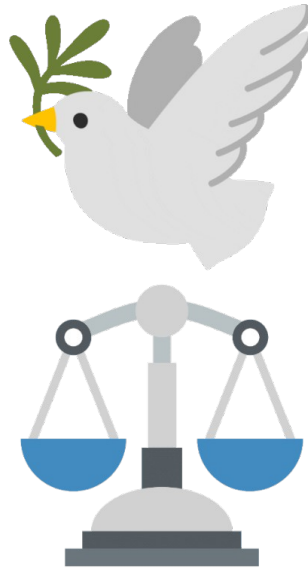
- 2.1. Public International Law (PIL) International Law Integration (ILI).
- 2.2. International Court of Justice (ICJ) Rule of Law (RoL).
- 2.3. Constitutional States Open Courts Audit.
- 2.4. International Criminal Court (ICCT) Legislations Assessment.
- 2.5. Open Law Open Policymaking.
- 2.6. Permanent Court of Arbitration (PCA) Regulatory Compliance.
- 2.7. Restorative Open Justice.

## *3. Open Justice Ontology (OJO):*

The Semantic Web Ontology (OSW) of Open Justice Systems required for civil participation in them, requires the secure operations development (DevSecOps) in compliance with, at least, the [World Wide Web Consortium \(W3C\) semantic web \(SW\) ontology](#) of the following iterative hierarchical controlled vocabulary:

- [Universal principles](#).
- [Right to fair trial intention to be legally bound contract constitutional state](#).
- [Universal law rule of law \(RoL\)](#).
- [Constitution](#).
- [Constitutional symmetry distributive justice access to justice](#).
- [Public international law \(PIL\)](#).
- [International treaties](#).
- [Tribunal courtroom courthouse court community court rules](#).
- [Decorum compassionate listening nonviolent communication gavel protocol](#).
- [International law integration \(ILI\)](#).
- [Accountancy monitoring and evaluation \(M&E\) certificate assessment credentialing criminal procedure law enforcement code enforcement audit](#), like the [United Nations Evaluation Group \(UNEG\)](#).
  - [International Law Commission \(ILC\)](#).
  - [United Nations Office of Law Affairs \(UNOLA\)](#).
  - [International Court of Justice \(ICJ\) international arbitration](#).
  - [Lex loci civil law legal customs](#), like [religious law](#) and [customary law](#), [legal systems integration \(LSI\) legal norms normatization](#).
- [Mandatory bar associations](#) like the [Permanent Court of Arbitration \(PCA\)](#) and [International Criminal Court \(ICCT\)](#).
  - [Voluntary bar associations](#) like the [International Bar Association \(IBA\)](#), [International Association of Prosecutors \(IAP\)](#), [Council of Europe \(COE\) consultative Council of European Prosecutors \(CCPE\)](#), [European Association of Judges and Public Prosecutors Magistrate Associations \(MEDEL\)](#), and [International Organization for Mediation \(IOMed\)](#).
    - [United Nations Commission on International Trade Law \(UNCITRAL\)](#).
    - [Supreme court](#).
    - [Jurisdiction](#).

- [Legislational primary and secondary legislations.](#)
- [Local laws.](#)
- [Legalization.](#)
- [Regulatory compliance.](#)
- [Legal education](#), including [open education](#), like the [World Online Law Academy Platform \(WOLAP\)](#) [free courses](#) and the [International Center For Law and Religion Studies \(ICLRS\)](#) ['Yearly Reports'](#) [open educational resources \(OER\)](#).
  - [Minimum continuing legal education \(MCLE\).](#)
  - [Open governance.](#)
  - [Open courts.](#)
  - [Principles charters.](#)
  - [Community accountability conflict resolution restorative transformative justice.](#)
  - [Open justice.](#)
  - [Policies.](#)
  - [Government technologies \(GovTech\).](#)
  - [Open government.](#)
  - [Bylaws.](#)
  - [Legal ontologies](#) like the [Legal Resource Description Framework \(LegalRDF\)](#), [Legal Knowledge Interchange Format \(LKIF\)](#), and [LexData](#).
    - [Legal metadata](#), like the [W3C Extensible Markup Language \(XML\) Legal Uniform Resources Name \(LexURN\)](#).
      - [Cyberjustice legal technologies \(LegalTech\)](#), like the [Free Law Project Bots.law](#).
      - [Computer assisted legal research \(CALR\)](#), like [Court Listener](#) and [Lexius.io](#).
      - [Regulatory technologies \(RegTech\)](#), like the [Open Ethics.ai](#).
      - [Legal management systems \(LMS\)](#), like the [Open Source Legal](#).
      - [Evidences evidence management jurimetrics information privacy open data.](#)
      - [Precedence jurisprudence.](#)
      - [Magistrate common law.](#)
      - [Judges](#) and [examining magistrates.](#)
      - [Decentralized autonomous organizations \(DAO\) arbitration](#) like [Open Grand Juries](#), [Petit Juries](#), [CyberCourt](#) and [Kleros Peer to Peer \(P2P\) juridical platform](#).
      - [Insurance technologies \(InsurTech\).](#)
      - [Prosecutors, barristers, and attorneys at law \(lawyers\).](#)
      - [Informal agreements.](#)
      - [Peace Law studies](#), for [peace studies](#), [peace law history](#), [peace law diplomacy](#).
      - [Open constitutional democracy \(OCD\) advocacy](#) like [Open Constitution Initiative \(OCI\)](#) and ['Securing Open Source Software Act'](#).
- [Juridical process legal process due process.](#)
- [Judicial process legal proceedings civil procedure due diligence.](#)
- [Peace law legal interoperability amicus curiae justice of peace \(J.P.\).](#)
- [Bill probationary period policymaking.](#)



*An open justice emblem sketch composed of the peace and justice emojis.*

## *Bibliography:*

- ANTONIO CASSESE. 'International Law'. Oxford University Press.
- BRYAN STEVENSON. 'Just Mercy: A Story of Justice and Redemption'. Spiegel & Grau.
- CARLO RATTI ET AL. 'Open Source Architecture'. Thames & Hudson.
- DANIEL HUNTER. 'Open Source Everything Manifesto'. North Atlantic Books.
- DAVID BOLLIER. 'Think Like a Commoner: Life of the Commons'. New Society Publishers.
- ELINOR OSTROM. 'Governing the Commons'. Cambridge University Press.
- ERIC S. RAYMOND. 'The Cathedral & the Bazaar'. O'Reilly Media.
- IAN BROWNLIE. 'Principles of Public International Law'. Clarendon Press.
- IBRAHIM HADDAD. 'Open Source Compliance in the Enterprise'. Linux Foundation.
- JAMES BOYLE. 'Public Domain: Enclosing the Commons of the Mind'. Yale University.
- JEREMY WALDRON. 'Rule of Law and Open Justice'. Philosophy & Public Affairs.
- JOSEPH JACONELLI. 'Open Justice'. Oxford University Press
- JOSHUA BROWDER. 'The Future of Legal Aid'. Stanford Law Review.
- KLEROS TEAM. 'Kleros Decentralized Justice Protocol'. Kleros Foundation.
- LAWRENCE LESSIG. 'Code and Other Laws of Cyberspace'. Basic Books.
- MALCOLM SHAW. 'International Law'. Cambridge University Press.
- MARK LEMLEY. 'Law and Economics of Open Source Software'. Berkeley.
- MICHEL BAUWENS. 'Peer to Peer: The Commons Manifesto'. University of Westminster.
- NICK SZABO. 'Smart Contracts'. Self-Published.
- PHILIP LEACH. 'Open Justice Transparency in International Courts'. Cambridge Press.
- PRIMAVERA DE FILIPPI. 'Blockchain and the Law: The Rule of Code'. Harvard Press.
- RICHARD STALLMAN. 'Free Software, Free Society'. GNU Press.
- SAMUEL MOYN. 'The Last Utopia: Human Rights in History'. Harvard University.
- SUÉ GONZÁLEZ ET AL. 'Public International Law'. Routledge.
- UNITED NATIONS. 'International Law Handbook'. UN Library of International Law.

W. MICHAEL REISMAN. 'The Law of International Institutions'. Brill.

YOCHAI BENKLER. 'How Cooperation Triumphs Over Self-Interest'. Crown Business.

FELIPE RIBEIRO. 'Complete Works'. <https://operarioribeiro.gitbook.io>.

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