Ecosystems, Ontology Repositories, and IPR

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Ontology Licensing

- **Objectives:**
  - maximize ontology interoperability from IPR perspective
  - provide ontology licensing recommendations for OOR
  - employ or build upon existing open licensing schemes
  - support “remixing” and derivative works
- **Assumptions:**
  - ontologies may be owned
  - ontology ownership may be protected
  - ontologies are different from software
- **Perceived Issues:**
  - existing licenses won't meet OOR objectives
  - license compatibility
  - license proliferation

Openness

- **Objectives:**
  - maximize accessibility to OOR content
  - implement OOR using open source
  - populate OOR with open content
  - deploy OOR as a federation of open systems
  - support proprietary extensions to OOR
  - allow instances to define policies for authorization
- **Assumptions:**
  - existing open source licensing models apply
- **Perceived Issues:**
  - can/should we block access from certain jurisdictions
  - license compatibility
  - lacking standards to enable deployment as open systems

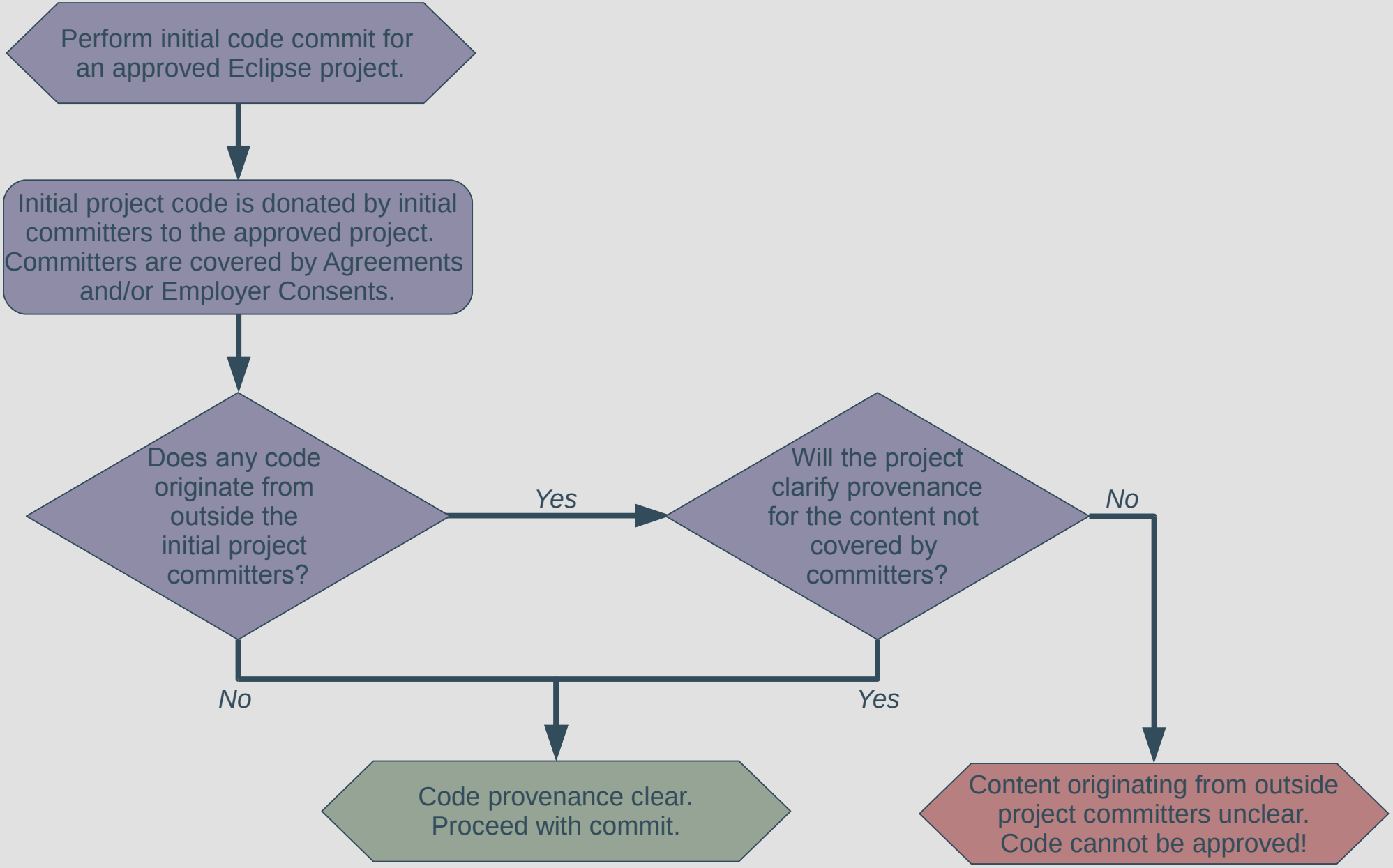
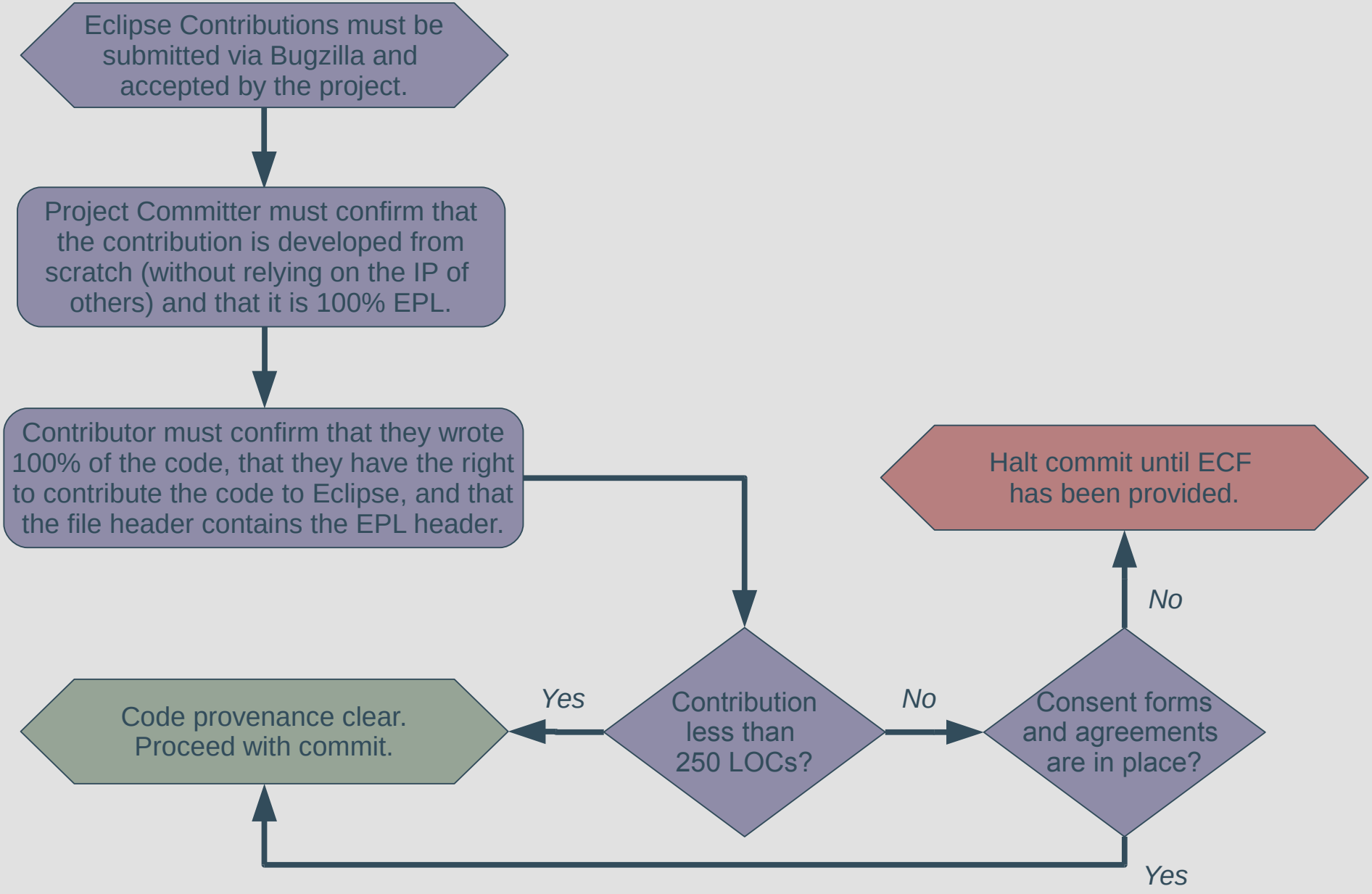
IP Provenance

- **Objectives:**
  - keystone within ecosystem for semantic applications
  - support content contributions from various sources
  - ensure IP integrity of OOR content
  - support code contributions from various sources
  - ensure IP integrity of OOR source code
- **Assumptions:**
  - ontological content may be owned and protected
  - keystone means IP contributions must be vetted
- **Perceived Issues:**
  - vetting becomes a barrier to contributing
  - provenance of axioms may be hard to determine
  - scope of due diligence on IP is not appreciated

Examples of Software Ecosystems

	Co-Evolving Innovation	Vision	Niche Openness	Platform Openness	Platform Modularity
Java	✓	?	✓	?	?
iPhone	✗	✓	?	✗	?
Windows	✓	?	✓	✗	✓
Android	?	?	✓	✓ ?	?
Linux	✓	✓	✓	✓	✓
eclipse	✓	✓	✓	✓	✓

Eclipse Project - Initial Commit



Eclipse Project – Contributor Submission