# OASISOPENPROJECTS

## Open Source. Open Standards.

# Today's Discussion

- Speaker: Dave Ings, IBM Open Technology

- I have led traditional standards projects at OASIS and OMG. I've also helped to launch open source based foundations and communities. I'm IBM's elected representative on the OASIS Board.

- With the exception of a few slides, marked with my name, these slides are OASIS marketing materials.

- The detailed Open Projects materials have not yet been publicly published by OASIS (but soon, was approved by the OASIS Board on May 22.)

Slide author: Dave Ings

# Open Projects Overview

# What can you do with Open Projects?

- Develop code, APIs, specs, protocols, and reference implementations **in one place**.

- Work under popular open source licenses.

- Advance deliverables through standards approval process

- Submit approved work for international recognition from ISO, IEC, ITU, ANSI, or EU via MSP

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# Why open source *and* standards?

**1** A spec can serve as a blueprint that makes it easier to scope and develop code.

**2** Governments often require an approved standard before they will purchase or recommend.

**3** Open source implementations **prove and improve** specs.

**4** Certification test suites can be hard to write based on code alone.

**5** Specs can be easier for non-coders to understand.

## What you get
## (and don't get)
## with Open Projects

High cost of a Foundation

**Stakeholder governance**

Legal headaches, IPR obstacles

**Industry-vetted IP licenses, support**
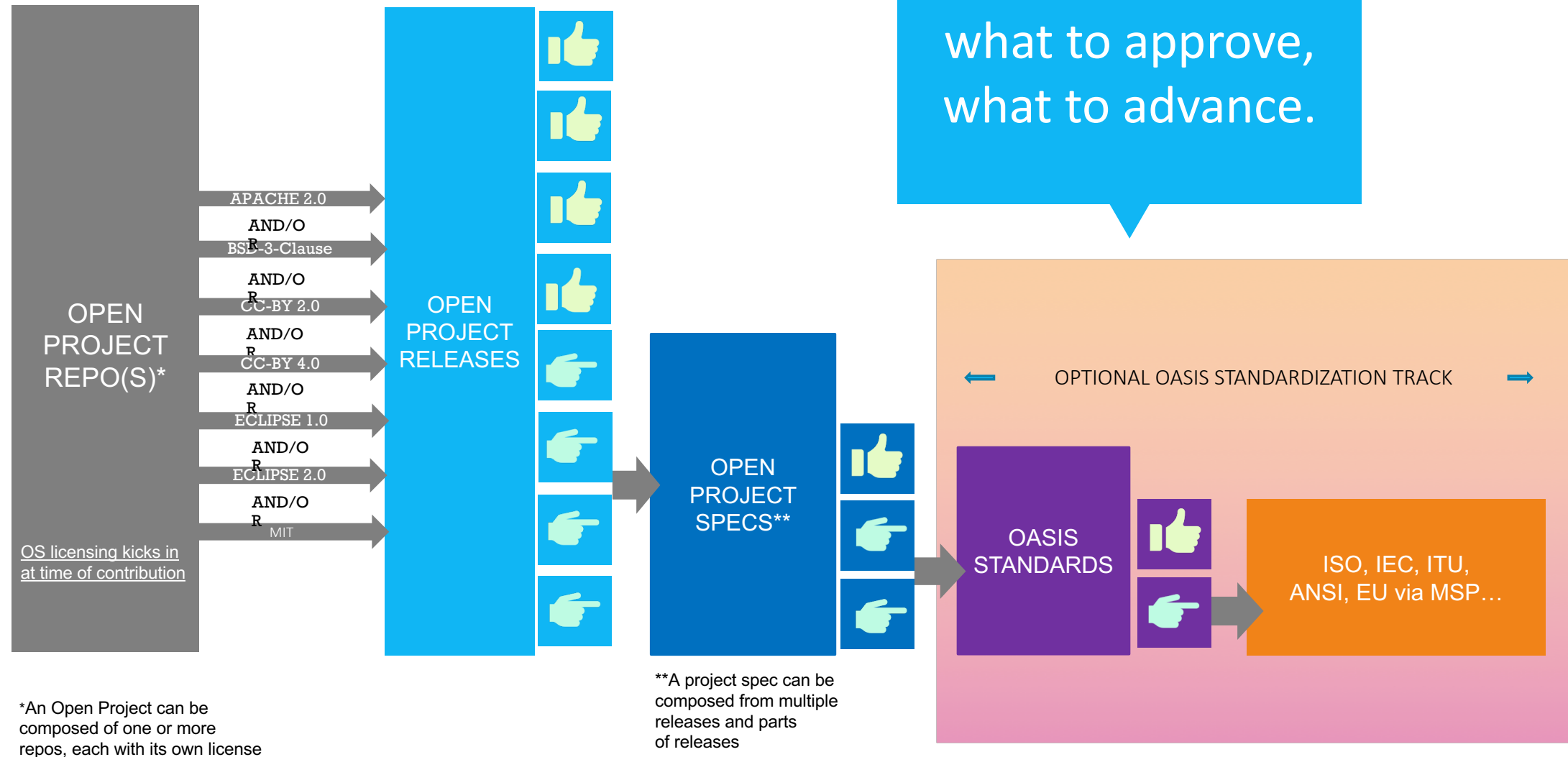
Fractured development efforts

**Unified community**

Ignored by government procurement

**International recognition**

Implementations that don't interoperate

**Tools, rules, and practical experience**

OPEN PROJECT REPO(S)*

APACHE 2.0
AND/OR
BSD-3-Clause
AND/OR
CC-BY 2.0
AND/OR
CC-BY 4.0
AND/OR
ECLIPSE 1.0
AND/OR
ECLIPSE 2.0
AND/OR
MIT

OS licensing kicks in at time of contribution

OPEN PROJECT RELEASES

You decide
what to approve,
what to advance.

OPEN PROJECT SPECS**

OPTIONAL OASIS STANDARDIZATION TRACK

OASIS STANDARDS

ISO, IEC, ITU, ANSI, EU via MSP…

*An Open Project can be composed of one or more repos, each with its own license

**A project spec can be composed from multiple releases and parts of releases

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One license to rule them all? Nope.

Participating in an Open Project doesn't require commitment to "one-size-binds-all" IPR Policy.

Each Open Project selects licenses appropriate for its work.

People only commit to the terms of Projects in which they contribute.

**6**
CONTINENTS

**70+**
COMMUNITIES

**150+**
STANDARDS

**2000+**
PARTICIPANTS

# Why OASIS?

- Nonprofit, member-driven organization

- Built on openness, inclusivity, and innovation

- Internationally respected

- Exists to serve communities that make open source and open standards thrive

# Stakeholder Leadership + Community Development.

## Open Project Governing Board*
May form Technical Steering Committee, Marketing Committee
Votes on releases, appoints Maintainers
Decides if/when to submit to OASIS standards track, ISO, IEC, ITU,
Works with staff on community building, promotion, events...
Provides funding via annual Project sponsorship

## Maintainers*
Authorize pull requests

## Contributors*
Contribute actionable
pull requests

## Participants
Submit comments, bug reports,
feature requests

*CLA Required

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## Sponsoring Open Projects

Everyone can contribute to an Open Project.

Project sponsors also:

✓ **Govern** technical agenda and marketing activities via a seat on Project Governing Board (one-org/one-vote)

✓ **Form** Technical Steering Committee and/or Marketing Committee *(optional)*

✓ **Get recognized as leaders** on Project web sites and social networks, events, press and analyst communications.

✓ **Appoint** Maintainers and elect Chairs.

✓ **Decide** which work projects to advance through standards process

✓ **Request** OASIS submission of approved work to ISO, IEC, ITU, etc.

✓ **Create** sub-Projects.

# Open Projects IPR Design Issues

# Two Main IPR Issues

- The leading open source licenses (e.g. Apache, EPL, MIT) do not grant sufficient rights for derived specifications or alternate implementations of contributed work.

- Even with an enhanced CLA (contributor's license agreement) the IPR protections fall well short of what traditional standards provide and what Enterprise vendors have come to rely upon.

Company A
Company B
Company C
Company D
Company E
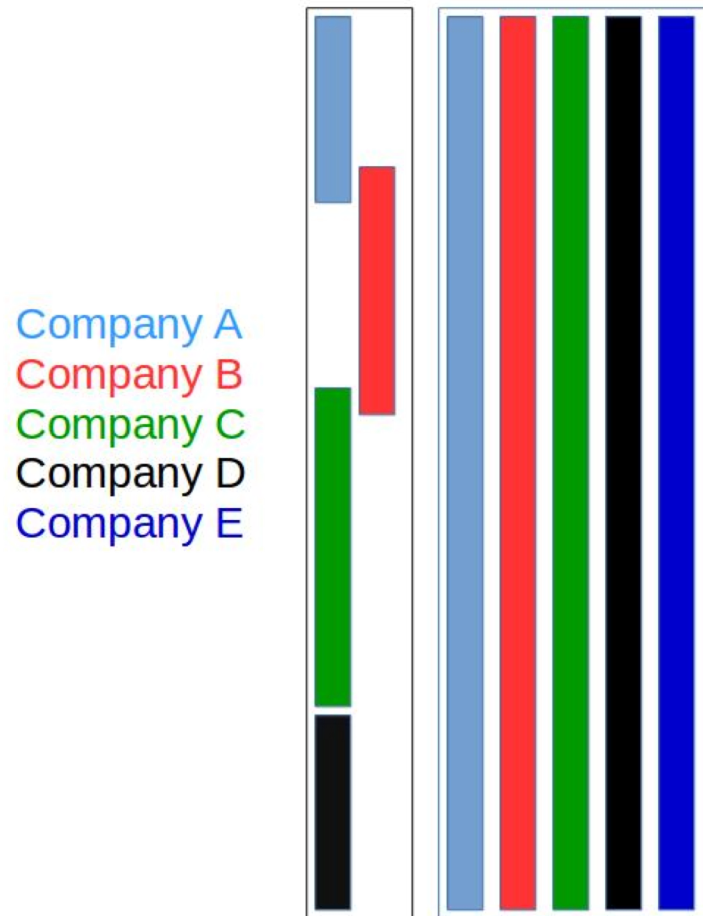
- Let's suppose we've somehow addressed the first issue by enhancing the CLA. So what's the issue now?

- The left side shows the IPR commitments made under an enhanced CLA.

- The right side shows the IPR commitments made for similar work by a traditional standards committee.

- The difference is material and will inhibit or prevent alternative implementations by companies who don't like being sued (which is most of them!)

Slide author: Dave Ings

# How Did OASIS Solve This?

- With a great deal of pain. 😃

- OASIS counsel worked closely with lead IPR counsels from IBM, Microsoft, and Oracle for over six months to design a solution which (surprise!) had two key elements.

- First, an enhanced CLA.

- Second, a governance design that both encouraged and compelled the project leaders to make IPR commitments to the entire body of work.

- Warning: easier said than done! The legal solution and the business solution must be synergistic.

Slide author: Dave Ings

# Backup

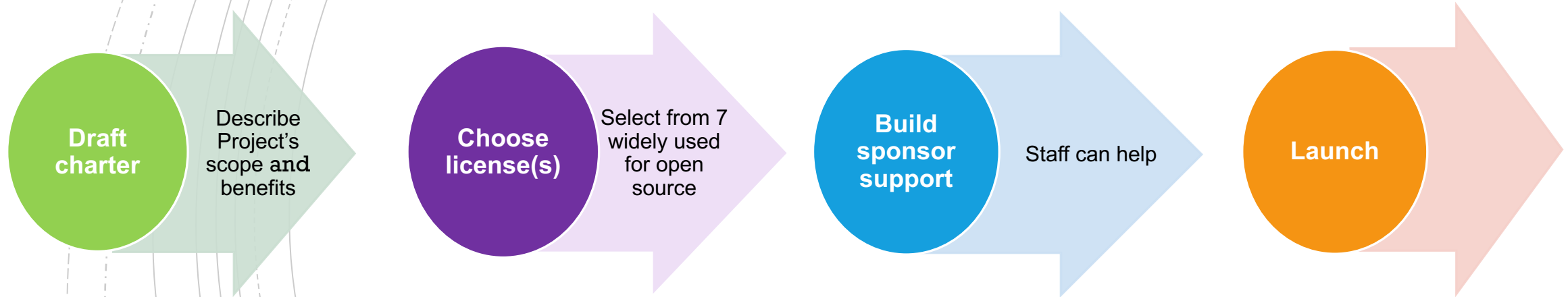# What do sponsorship dues cover?

OASIS provides these core services:

✓ Legal entity, management of IP and licensing agreements, trademarks and copyrights

✓ Git repository management, issue tracking, collaboration tools

✓ Free public access to deliverables in perpetuity

✓ Finance, accounting, audit services

✓ Standards process submission management

✓ Landing page design, hosting, site maintenance

✓ Collateral and logo design

✓ Press & analysis promotion

✓ Event coordination

✓ Help with attracting developers and sponsors

# How do you start an Open Project?

**Draft charter** — Describe Project's scope **and** benefits

**Choose license(s)** — Select from 7 widely used for open source

**Build sponsor support** — Staff can help

**Launch**

## Should you form an Open Project at OASIS?

Only if you want to:

- Address a business need strong enough to justify corporate support

- Attract more developers

- Avoid the legal headache of running your own project and the high cost of a Foundation

- Produce work with solid IP assurances

- Keep your project on track via stakeholder governance

- Take advantage of OASIS reputation, process experience, vetted legal policies, and outreach services

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## Learn more

- **Open Projects website**
  http://oasis-open-projects.org

- **Open Projects Handbook**
  http://ow.ly/boPg30jpFTN

- **Open Project Charter Template**
  http://ow.ly/bbcy30jpGwZ

- **Contact:**
  carol.geyer@oasis-open.org