Respecting **Open Source** Licenses **!**

OSCAd (& OSLiC)

The **Open Source Compliance Advisor** (and its mother)
(a) Free Tool(s) to Facilitate the Fulfillment of Open Source Licenses

Open Source CompLianCe in Deutsche Telekom

Karsten Reincke

T

Erleben, was verbindet.

ʀOSʟ!

Open Source thinks the other way round:
You ever have to know, what you have to do!

"PAYING" BY DOING

ʀOSʟ!

Open Source thinks the other way round:
You ever have to know, what you have to do!

"Free Redistribution

The license shall not restrict any party from selling or giving away the software as a component of an aggregate software distribution containing programs from several different sources. The license shall not require a royalty or other fee for such sale."
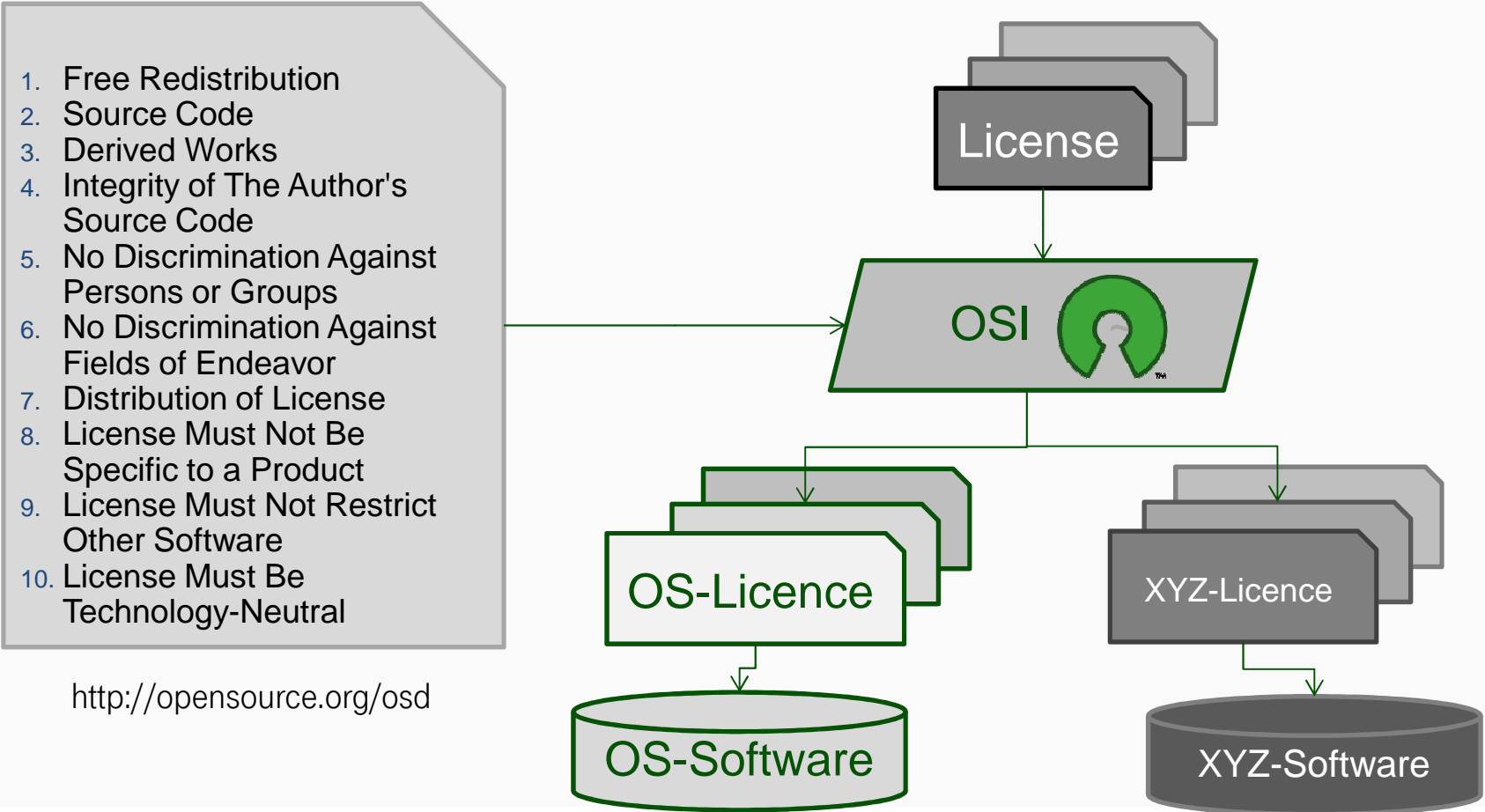

§ 1 of the Open Source Definition*

ʀOSʟ!

Open Source thinks the other way round:
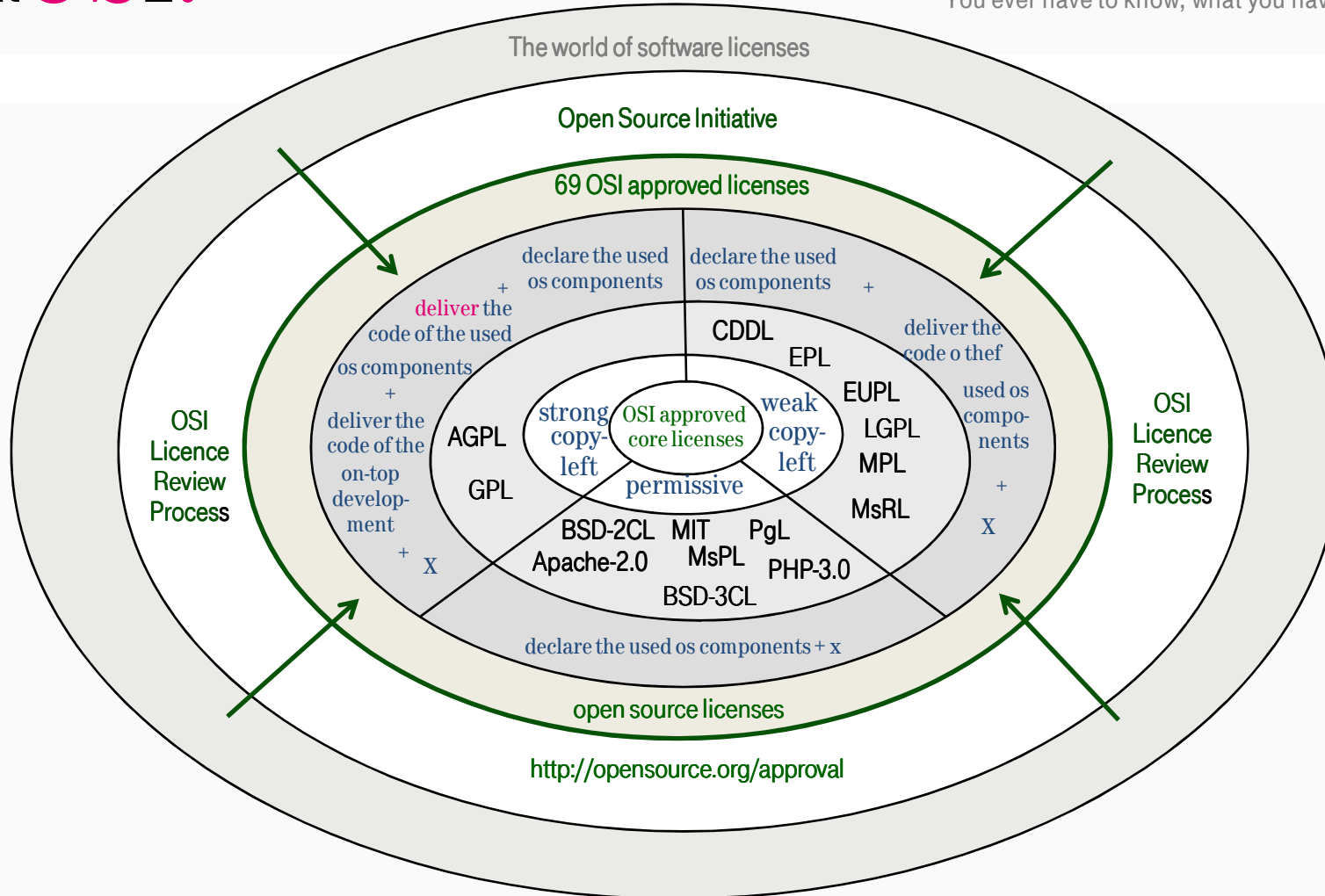### You ever have to know, what you have to do!

1. Free Redistribution
2. Source Code
3. Derived Works
4. Integrity of The Author's Source Code
5. No Discrimination Against Persons or Groups
6. No Discrimination Against Fields of Endeavor
7. Distribution of License
8. License Must Not Be Specific to a Product
9. License Must Not Restrict Other Software
10. License Must Be Technology-Neutral

http://opensource.org/osd

License

OSI

OS-Licence

XYZ-Licence

OS-Software

XYZ-Software

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2013-12-05

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ᵣOSₗ!

Open Source Initiative maintains the rules:
You ever have to know, what you have to respect!

The world of software licenses

Open Source Initiative

69 OSI approved licenses

OSI Licence Review Process

declare the used os components

declare the used os components

+

+

deliver the code of the used os components

+

deliver the code of the on-top development

+   x

CDDL
EPL
EUPL
LGPL
MPL
MsRL

deliver the code o thef used os compo- nents

+

x

AGPL
GPL

strong copy- left

OSI approved core licenses

weak copy- left

permissive

BSD-2CL   MIT   PgL
Apache-2.0   MsPL   PHP-3.0
BSD-3CL

OSI Licence Review Process

declare the used os components + x

open source licenses

http://opensource.org/approval

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ʀOSʟ!

Open Source Initiative maintains the rules:
You ever have to know, what you have to respect!

69 ✖ **> 5** = **> 345**

|		
(with respect to 2012-05-11) OSI certified	'use', 'modify', 'distribute', 'modify & distribute', 'embed' as	more or less similar lists of required actions as
Open Source Licenses	Open Source Use Cases	Fulfilling Task Lists

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rOSL!

Open Source thinks the other way round:
Respect the rules and you are allowed to use, to modify, and to distribute ...

determine

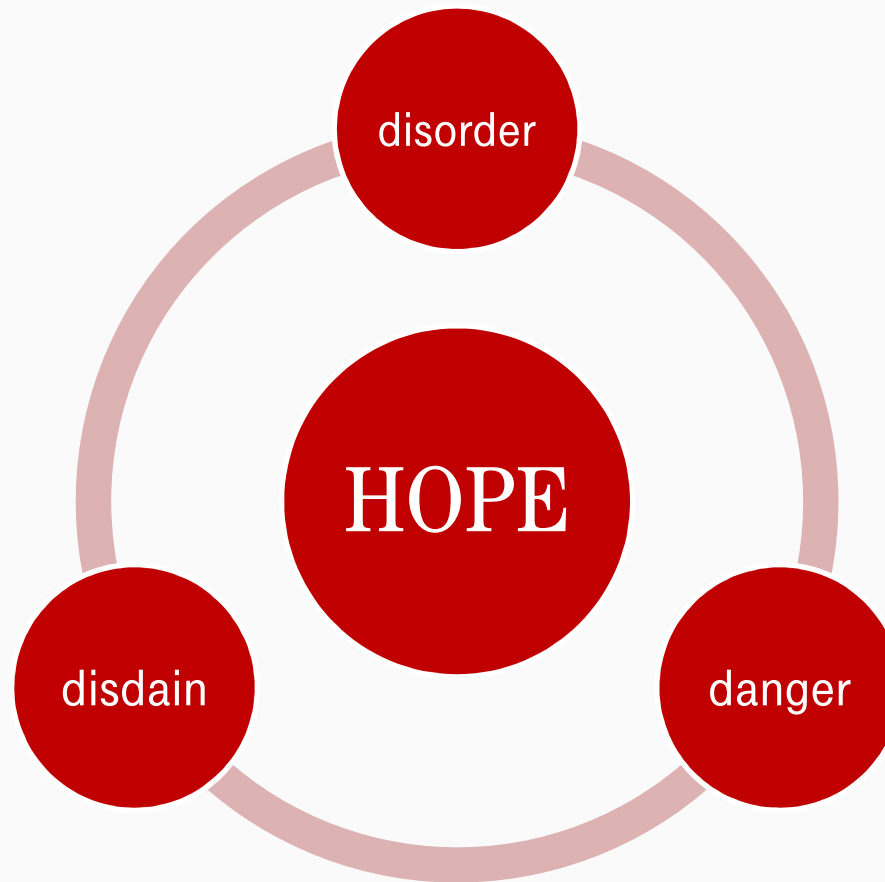describe

do

find

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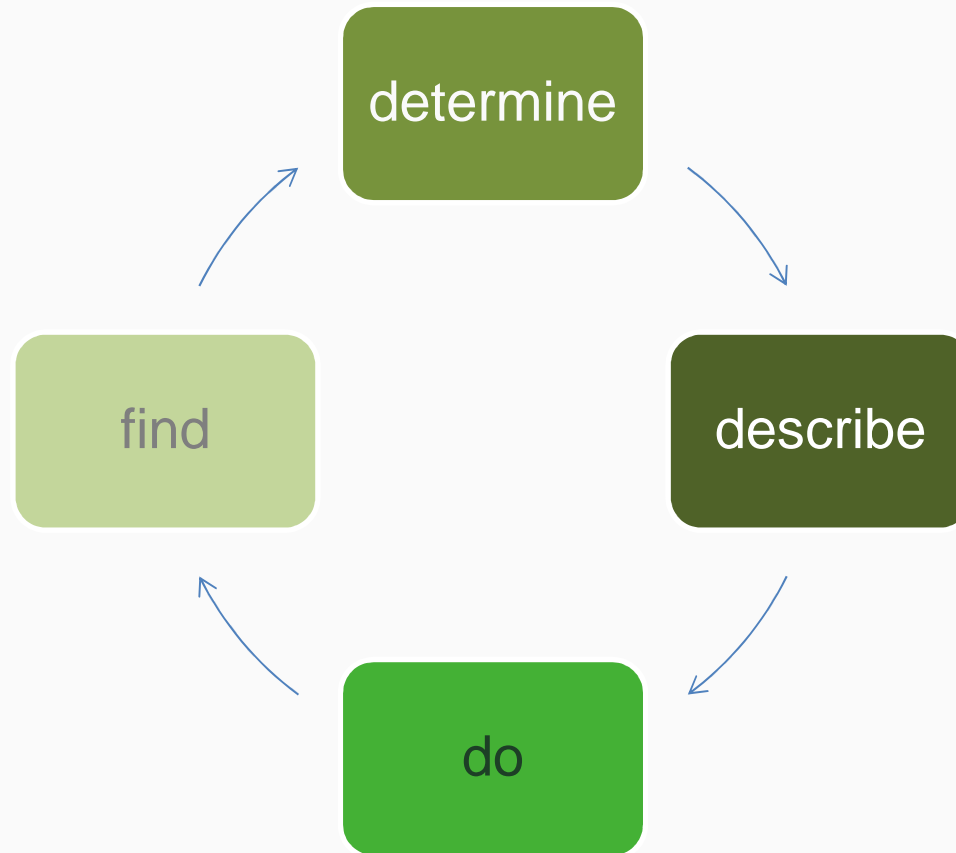
ᵣOSₗ!

Open Source thinks the other way round:

Respect the rules and you are already allowed to use, to modify, and to distribute the results!
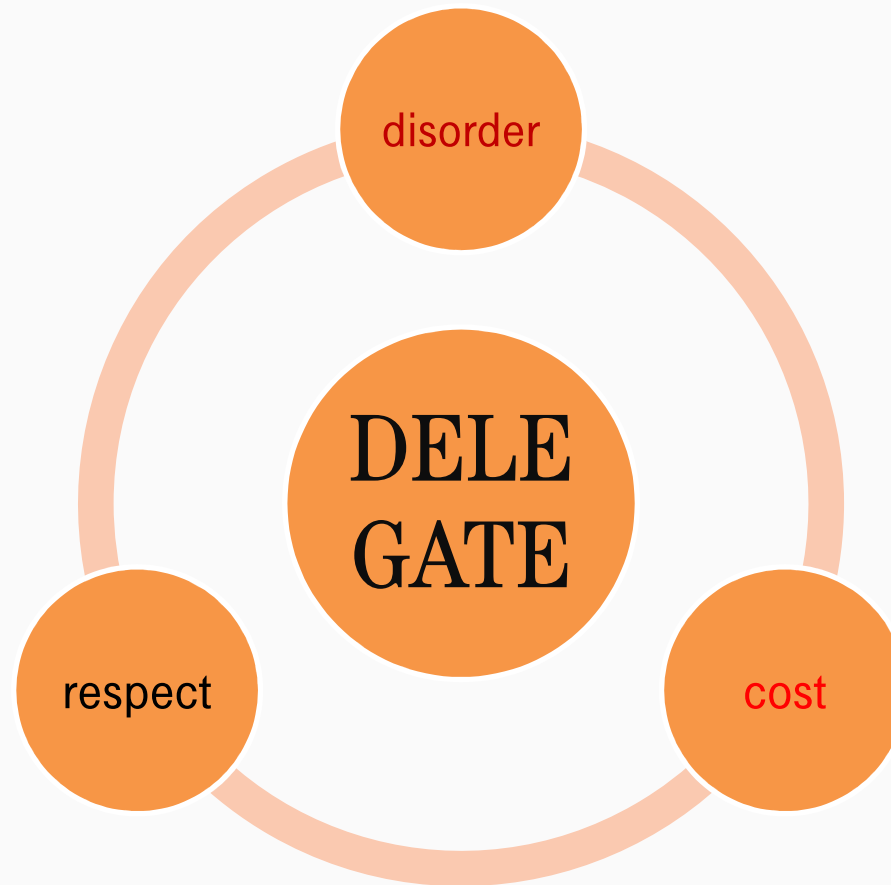
WHO SHALL DO THAT?

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ʀOSʟ!

Strategy 'Hope'
I don't care - anyone will do it!

ʀOSʟ!

Strategy 'Delegate'
Each project for itself!

disorder

DELE
GATE

respect

cost

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ʀOSʟ!

Strategy 'Centralize'
One team of OS License Experts for all.

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rOSl!

Strategy 'Collaborate'
Use the OS Community Knowledge.

quality

COLLA BORATE

respect

savings

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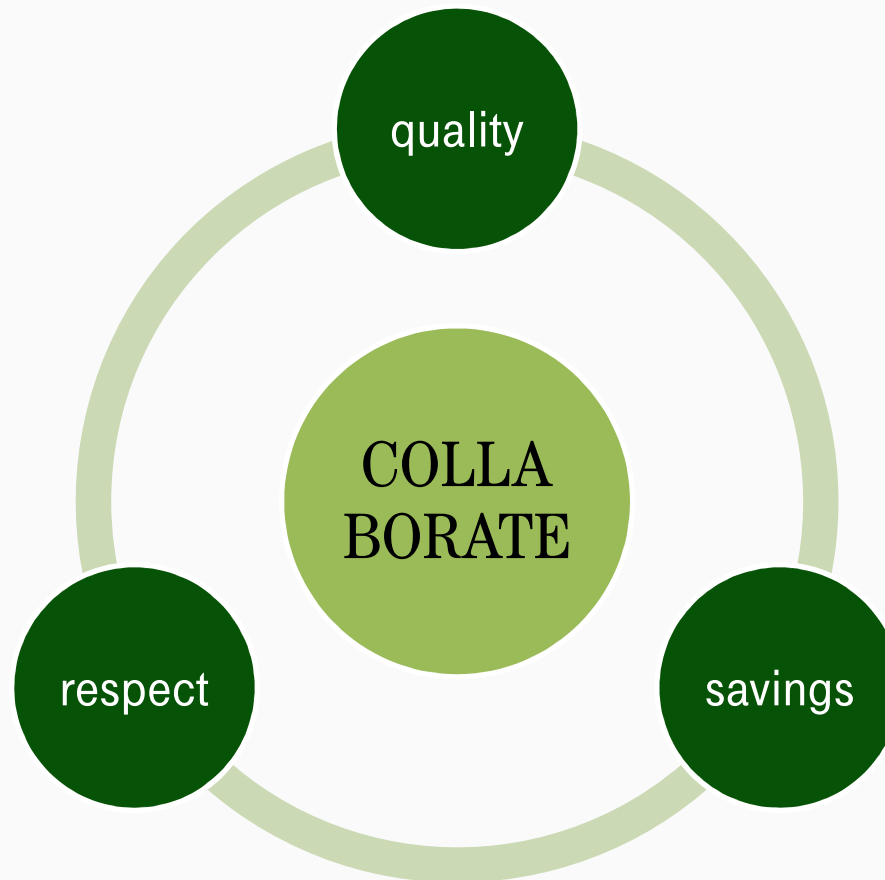
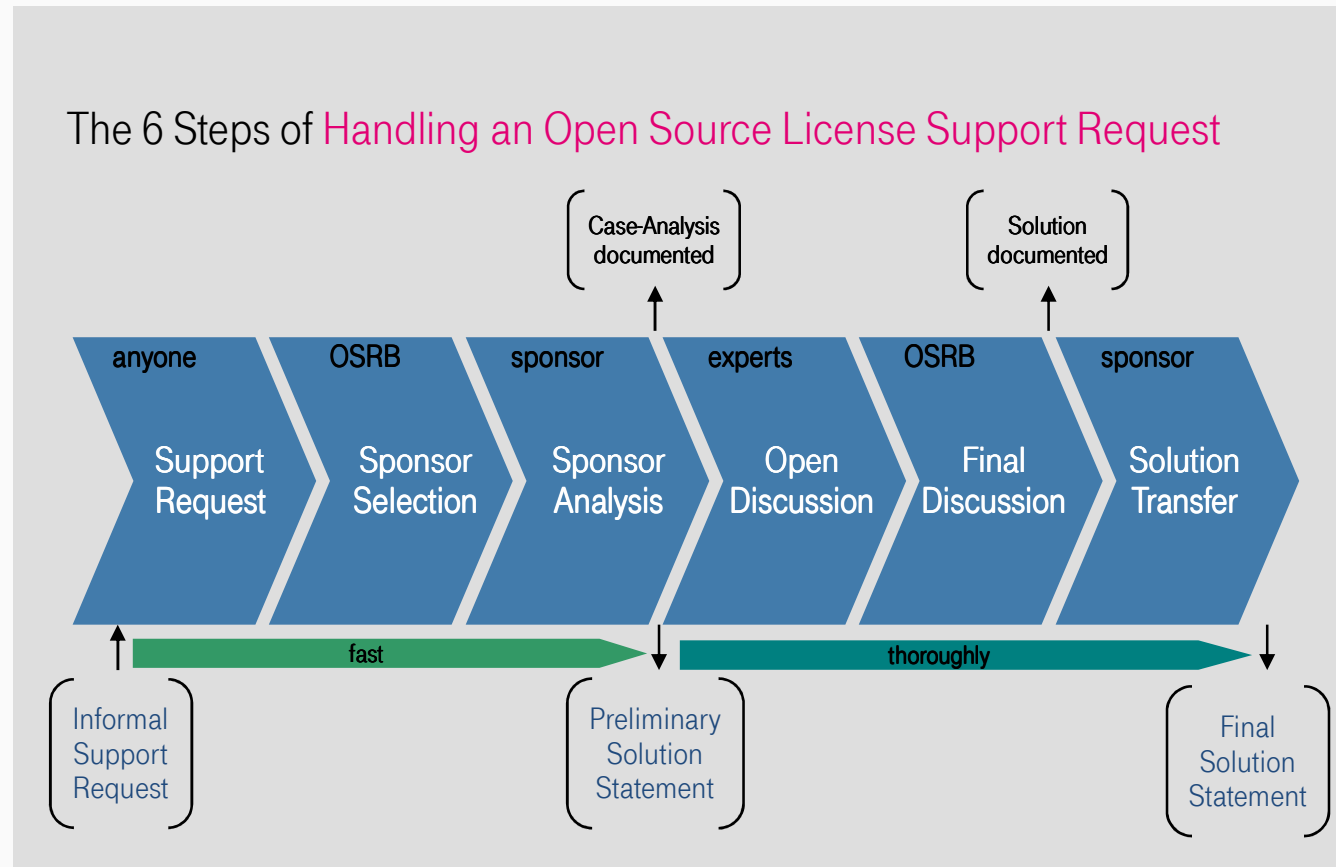ROSL!

What 's the strategy of Deutsche Telekom?

Take the best of all.

CENTRALIZE & COLLABORATE

ᵣOSʟ!

Centralize an internal team of experts
named the (Telekom) Open Source Review Board

the
Telekom
internal

Open
Source
Review
Board

process

The 6 Steps of Handling an Open Source License Support Request

Case-Analysis documented

Solution documented

anyone	OSRB	sponsor	experts	OSRB	sponsor
Support Request	Sponsor Selection	Sponsor Analysis	Open Discussion	Final Discussion	Solution Transfer

fast

thoroughly

Informal Support Request

Preliminary Solution Statement

Final Solution Statement

ʀOSʟ!

Centralize and know that pareto will strike back!
The same work must be repeated to often.

80 **%** of the requests are manageable by

20 **%** standard answers!

ᵣOSₗ!

Centralize, but allow the internal delegation ...

Nevertheless!

Simplify your life:

enable the employees – ...

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2013-12-05   16

ʀOSʟ!

Centralize, but allow the internal delegation ...

if it's supported by a simple tool!

... but without being disruptive, without losing quality, and without generating extra cost:
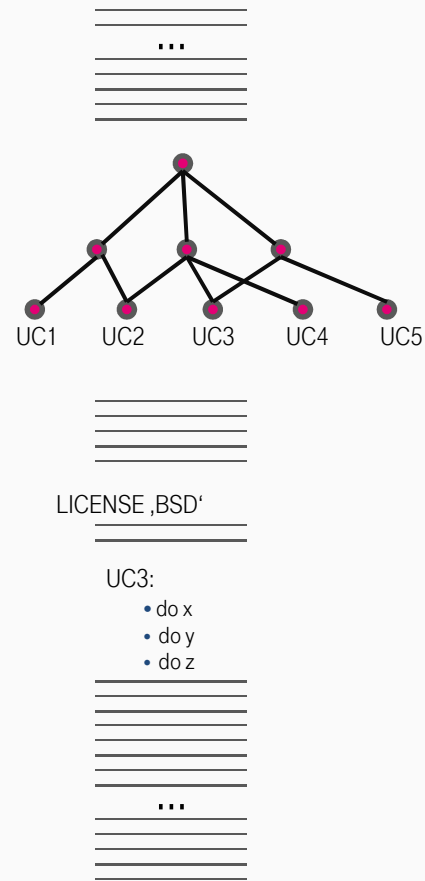
ʀOSʟ!

Solution?
Open Source License Compendium

The only thing we need is an easily to use Open Source License Compendium

ʀOSʟ!

Solution!
Open Source License Compendium

FINDER

```
      ...
─────────────
─────────────
─────────────
─────────────
─────────────
```

```
            •
          / | \
         /  |  \
        •   •   •
       /|  / \  |\
      • • •   • • •
```
UC1   UC2   UC3   UC4   UC5

```
─────────────
─────────────
─────────────
```

LICENSE ‚BSD'

```
─────────────
```

UC3:
- do x
- do y
- do z

```
─────────────
─────────────
─────────────
─────────────
      ...
─────────────
─────────────
```

context specific
TO-DO-LISTs

ʀOSʟ!

Solution?
Open Source License Compendium

Unfortunately such an Open Source License Compendium did not exist.

R**OS**L!

Enable the internal delegation
... of handling the standard cases ...

Telekom is writing an

Open Source License Compendium

Mission: Support our developers to use Open Source Software compliantly – as easy as possible

Motto: Offer one reliable way for each license and each use case in a simple and easy to find manner

ʀOSʟ!

But enable also the **external collaboration!**

The swarm always knows more than a small group of experts:

Telekom is giving it free: The
Open Source License Compendium

- **is commonly developable** because of its LaTeX/BibTex nature
- is **publicly hosted** as a GitHub project
  - Oslic Projectpage (on GitHub): https://github.com/dtag-dbu/oslic
  - Oslic Homepage (on GitHub): http://dtag-dbu.github.com/oslic
- **is licensed under CC BY-SA** 3.0 DE*
  - http://dtag-dbu.github.com/oslic/en/oslic/license.html
- is open to **be collaboratively developed together with the community**

R OS L !

Telekom is giving it free: The

Open Source License Compendium

? What
– the hell –
does all that mean concretely ?
Demo or Die!

ʀOSʟ!

Feedback?
... on the way

enormously helpful

great work

very informative

FSFE European Legal & Licensing
Workshop 2013, Amsterdam

need's an
interactive
interface

so
daunting

ROSL!

Collaborating with the community means Listening

... to the feedback:

The interactive version of the OSLiC, the

Open Source Compliance Advisor

- is commonly developable: a php web application
- is publicly hosted as a GitHub project
  - OSCAd Projectpage (on GitHub): https://github.com/dtag-dbu/oscad
  - Oslic Homepage (on GitHub): http://dtag-dbu.github.com/oscad
- is licensed under AGPL
  - http://dtag-dbu.github.com/oscad/en/oscad/license.html
- is open to be collaboratively developed together with the community

R**OS**L**!**

So again: be invited, be welcome!
We want to collaborate.

Telekom is offers a second free tool: The
Open **S**ource **C**ompliance **Ad**visor

OSCAd, a sibling of the OSLiC
- demo or die!

ʀOSʟ!

Be invited, be welcome!
We want to collaborate.

State of the OSLiC & OSCAd

ready for using :

- use case based task lists for Apache, BSD, MIT, MS-PL, PgL, PHP EPL, EUPL, LGPL 2.1/3.0, MPL, GPL 2.0/3.0
- use case based finder
- description of the protecting power
- corresponding license taxonomy
- exposition of the patent clauses

still open:

- task lists for AGPL, CDDL, MS-RL, ...
- derivative work exposition
- license compatibility discussion
- OS and money chapter

RO SL!

Be invited, be welcome!
We want to collaborate.

Futere of the OSLiC & OSCAd

Cooperating Community:

- the KOREAN translation of the OSLiC

- the integretation of other licenses into OSLiC

- the python reimplementation of the OSCAd

ʀOSʟ!

Be **invited**, be **welcome!**
We want to collaborate.

opensource@telekom.de

http://dtag-dbu.github.com/oslic

http://dtag-dbu.github.com/oscad

http://opensource.telekom.net/oscad

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ʀOSʟ!

Be **invited**, be **welcome!**
We want to collaborate.

Many thanks for your time and attention!

k.reincke@telekom.de
http://www.oslic.org/