

Respecting **Open Source** Licenses !

An **Open Source License Compendium** freely published by DTAG

Open Source CompLianCe in Deutsche Telekom

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Erleben, was verbindet.



Commercial Licenses
Open Source Licenses
OSL-Management
OS @ Telekom
OSLiC @ Telekom
OS @ T-Systems
Summary

R OS!

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

“PAYING” BY DOING

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- We all know: You can't buy the right to use open source software. The open source software thinks the other way round: you get the right to use, to modify and/or to redistribute the software by doing what is required by the open source licenses. Thus, the management of companies using open source software has to know: open source software follows the principle 'paying' by doing.

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Open Source thinks **the other way round:**
Respect the rules and you are allowed ...

(with respect to 2012-05-11) OSI certified

Open Source Licenses

'use', 'modify', 'distribute',
'modify & distribute',
'embed' as

Open Source Use Cases

more or less similar lists of required actions as

Fulfilling Task Lists

* <http://www.opensource.org/licenses/alphabetical> 2013-04-02 3

- But then there exists specific challenge: There are so many open source licenses (69) which require different fulfilling activities. And these fulfilling working steps must consider the different contexts (>5): do I only use the software for myself. Or do I hand over it to any other person? And have I modified it? Hence we get more than 345 possible fulfilling task lists.

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

```

            graph TD
            find[find] --> determine[determine]
            determine --> describe[describe]
            describe --> do[do]
            do --> find
            
```

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- So, a reliable open source license management process is determined by other aspects than the traditional license management :
 - find all used / received open source software
 - determine the usage context
 - describe the necessary actions which must be executed for fulfilling the license in this context
 - do what has to be done for acting according the open source license

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R OS L!

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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- So, the main question is: who shall execute this job of ensuring to act according the open source licenses?
- For large companies this concerns its charges: the larger the company, the more used open source software, the more work, the more cost
- There exist different strategies to solve this challenge:

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Strategy 'Hope'

I don't care - anyone will do it!

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- The first strategy is to hope that anyone will do the job, even if nobody explicitly requires that this job must be done.
- Of course, it is a bad strategy – namely for companies who love to act compliantly.

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Strategy 'Delegate'
Each project for itself!

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- The second strategy is to delegate the job to each (software) project of a company.
- It's a better strategy – but still very expensive: each project must get / train its own license expert.

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

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- A good strategy is to form an internal central team of license experts which serve all request of all projects.

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R OS! Strategy 'Collaborate'
 Use the OS Community Knowledge.

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- The best strategy is to cooperate with the open source communities: the power is in the swarm

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What 's the strategy of **Deutsche Telekom?**

Take the best of all.

CENTRALIZE & COLLABORATE

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- The strategy of Deutsche Telekom AG?
- No doubt, we want to act according the open source licenses – even if we are a very large company.
- So we use a mixture of strategy no 3 (centralization) and no 4 (collaboration)

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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

```

    graph LR
      A[anyone] --> B[OSRB]
      B --> C[sponsor]
      C --> D[experts]
      D --> E[OSRB]
      E --> F[sponsor]
      
      A --> B1[Support Request]
      B --> B2[Sponsor Selection]
      B2 --> C1[Sponsor Analysis]
      C1 --> D1[Open Discussion]
      D1 --> E1[Final Discussion]
      E1 --> F1[Solution Transfer]
      
      B1 --> I[Informal Support Request]
      C1 --> P[Preliminary Solution Statement]
      F1 --> F2[Final Solution Statement]
      
      B1 -- fast --> C1
      D1 -- thoroughly --> F1
      
      C1 --> CA[Case-Analysis documented]
      E1 --> S[Solution documented]
  
```

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- Firstly we established indeed a team of experts, internally known as the Telekom Open Source Review Board, which acts according to this process: any one in the company can ask any one on the board a question. The board determines a sponsor for the request which firstly and very quickly analyzes and describes the case and gives a first preliminary solution statement. Then this statement is discussed and finally closed by the OSRB as whole.

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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!

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- But one has to know, that the simple cases repeat again and again and hence must be handled again and again

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ROSL! **Centralize, but allow the internal delegation ...**
Nevertheless!

Simplify your life:
enable the employees – but ...

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- So: It's better to enable the employees themselves to answer at least the simple questions

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ROSL! **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**:

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- ... but without being disruptive, losing quality, or generating extra cost:

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R **OSL!**

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

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- The first idea of DTAG to solve this issue is to write an Open Source License Compendium following
 - the mission: Support our developers to use Open Source Software compliantly – as easy as possible
 - the motto: Offer only one reliable way for each license and each use case in a simple and easy to find manner

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Enable the internal delegation

... supported by the OSLiC...





FINDER

context specific
TO-DO-LISTS

...

LICENSE_BSD*

UC3:

- do x
- do y
- do z

...

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- Such a compendium will only be usable by developers if
 - a) they got a simply organized finder leading to the relevant use case
 - b) for each license and each use case the compendium offers a to-do-list by which the users can be sure to act according to the open source license.

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ROSL!

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
 - Oslc Projectpage (on GitHub): <https://github.com/dtag-dbu/oslic>
 - Oslc 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**

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- The second idea of DTAG is to publish this compendium under the Creative Commons License Share Alike – a license which might be viewed as GPL for documents.

R**OSL!**

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



Telekom is giving it free: The
Open **S**ource **L**icense **C**ompendium

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

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Be invited, be welcome!

We want to collaborate.

State of the

Open Source License Compendium 0.95



ready for testing:

- 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 incomplete / missed:

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

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opensource@telekom.de

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

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- So, for summarizing the result:
- We, DTAG, need a supporting tool for acting according to the Open Source licenses - but without investing to much manpower.
- First, we set up the internal Telekom Open Source Review Board
- Second, we are going to reduce the work of our OSRB by writing a simple to use compendium covering to-do-lists for the standard case.
- Third – as a giving back to the community (and as process of a public review) – we've published this compendium in the spirit of open source

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R OSL!

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

Many **thanks** for your time and **attention!**

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<http://www.oslic.org/>



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- So, I am Karsten Reincke – many thanks for your attention.