

# Introduction of the Operations for Participating in the OSS Community (About Contributing Programs)

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## ■ Hiroyuki Hatta

- I joined FUJITSU LIMITED as a engineer  
I was engaged to develop hardware and firmware about communication system, image transmission system.
- Currentry, I 'm in charge of IP Dept,over 10 year.  
I'm engaged in patent application promotion,  
patent research/analysis, external correspondence etc.  
It is mainly specialized in handling IP risk.  
Because of such circumstances,  
I am engaged in OSS license recently.
- Special Skill : Guitar playing  
Hobbies : "NORI-TETSU" (I got on all the JR lines!)  
JEF UNITED supporter

# About organization concerning OSS

Contribution and utilization to OSS by comprehensive power of FUJITSU

## Realization of customers safety and security

### ◆ OSS related guidelines

- OSS Usage guide
- Conversion from Fujitsu's programs to OSS

### ◆ Business utilization of OSS

- Software products
- Hardware products
- Cloud Services etc.

### ◆ External Community

- Linux Foundation etc.

### ◆ Risk check

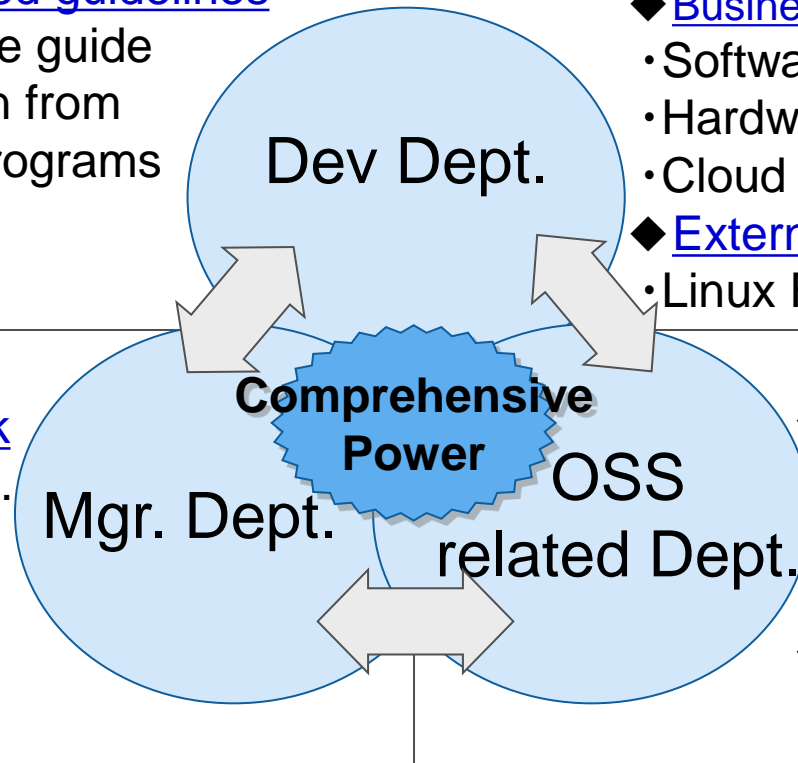
- Legal Dept.
- IP Dept.
- QC Dept.
- etc.

### ◆ Tech Support

- OSS Integration Center
- OSS Tech Center

### ◆ Internal community

- OSS Usage WG

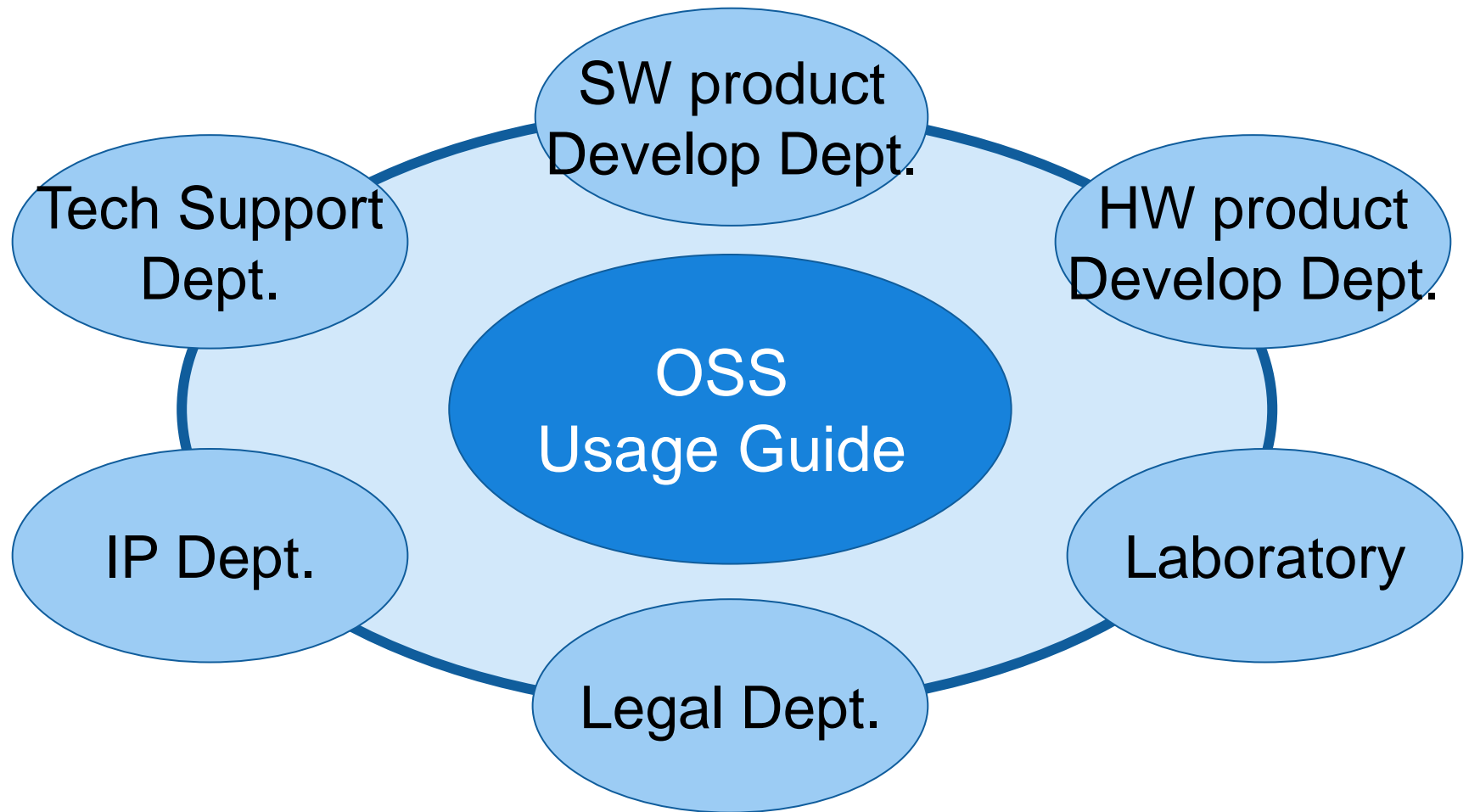


Realization of customers business

Business utilization by risk hedge of OSS

Participation and Contribution to OSS Community

# (Reference) Risk hedge about OSS utilization



- Gathering the common items in Internal Community, and publishing as OSS Usage Guide.  
⇒ After customizing to each business situation, implementation to rules.
- The status of OSS Usage is managed by the systems.

## 1. Information sharing

- Unknown the status of already participating in other Dept.
- In-house procedures like checking contracts are troublesome.

## 2. Clarification of rules

- Unknown about related in-house procedures

## 3. Anxiety resolution

- Unknown whether We should participate or not

## 4. Necessity of contribution

- It was necessary to develop the mechanism promoting aggressive use of OSS.



It was necessary to clarify in-house rules on contribution to the OSS community.

# Worries when creating guidelines

➤ How distinguish individual hobby and company's business?

⇒ Responsible executive controls who participates in which community.

➤ How obtain permission of patents possessed by other departments?

⇒ Obtain approval from responsible executive for IP set for each departments.

➤ How share information with overseas group companies?

⇒ Information sharing on website for group companies of outside Japan.

➤ Are there anything related to existing in-house rules and procedures?

⇒ Investigation about relating in-house procedures contract check, export control.

➤ How handle in a short time without burden on developers?

⇒ Realization from application to approval in one week.

Exchanging of opinions with existing community members for effective rules.

## Objectives

Clarification of in-house procedures when contributing programs to the OSS community, Compliance matters of software developers, and the roles of related departments within the Fujitsu.

## Targets

For departments, developers and other involved parties that contribute programs, documents, and other items to OSS community for integration into existing OSS projects within the Fujitsu Group.

## Table of Contents

Chapter 1: Procedures for Participating in the OSS Community.

Chapter 2: Self-Check before Contributing a Program.

## Evaluation of OSS Community

- Are there any inconvenient conditions for our business, such as prohibiting commercial use, distribution about licensing conditions of targeted OSS?
- Whether community activities are active? or depend on a specific company?

## Procedures of Participating

- Applicant applies from the in-house website to the secretariat.
- Applicant requests contract check to legal department.
- The secretariat obtains approval from the technical Dept.
- After approval, the secretariat publishes it on the in-house website.

## Operation decision

- Responsible executive for the application div. decides the following.
  - Decision of contributors and community of contribution
  - Decision of procedures for contributing



# Self-Check before Contributing a Program

## Copyright

- Checking of whether not including others copyrighted works or OSS.

## Confidential information

- Checking of whether not containing confidential information of our company or other company

## Patent

- When adding functions
  - Checking of whether no patent infringement
  - Possibility of patent application
  - ✘we can't exercise rights to the community or targeted OSS, but we assume that we will utilize in business.

## Contribution

- Contributing programs according to Dept. procedures
  - Contribution management is the responsibility of manager in the contribution Dept.

## Understanding of stakeholders is important!

To the developer's doubt, as IP related Dept., we have visited the fields to explain about the policy of more effective utilization of OSS.  
And finally we could understand each other.

## Reactions from each department

Developers : Previously, I was going with anxiety as to whether I could contribute.  
But now, I'm happy that I can clarify about it. :-D

Developers : I can not apply for every contribution. :- ( ← Misunderstandings!!

Developers : At the community in which I'll participate,  
what should I do about handling other community OSS? :-/

Developers : I am in trouble taking one week from application.  
I want to contribute on that day. :- (

Tech support Dept. : It's difficult to confirm within the Dept. only one week. :- (

# (Screenshot image) OSS Community Participants List

## ■ Situation about participating in the OSS Community [mm/dd/2017]

No	Approval	1.Community name	2.Community URL	3.OSS Community summary	4.License name	5. Presence of contracts	6.Contracts URL	7. Presence of Foundation	8. Participating companies or organizations in the community
⋮				⋮			⋮		
16	Approved	Yocto Project	<a href="https://www.yoctoproject.org/">https://www.yoctoproject.org/</a>	Community that develops a framework for customizing Linux-based systems for embedded applications	GPLv2, BSD, MIT etc.	Yes	<a href="https://wiki.yoctoproject.org/wiki/Community_Guidelines">https://wiki.yoctoproject.org/wiki/Community_Guidelines</a>	Yes	Intel, Freescale, TI, Renesas, Wind River Systems, MontaVista Software etc.
⋮				⋮			⋮		

9. Are there already participating departments in the Fujitsu Group?	10.Contributing schedule	11. Purpose of participation	12. Cooperation department	13. In-group inquiry correspondence	14. Responsible executive	15. Representative of contribution
⋮		⋮			⋮	
No	Scheduled to be contributed programs ASAP	For improving development efficiency of embedded Linux distribution for the Fujitsu Group	FNST	Available	○○○○	××××
⋮		⋮			⋮	

# Current operational situation

Currently, it is operated smoothly without problems!

## Information sharing on the website

It is obvious the status of participating in the community in the Fujitsu.

## English translation

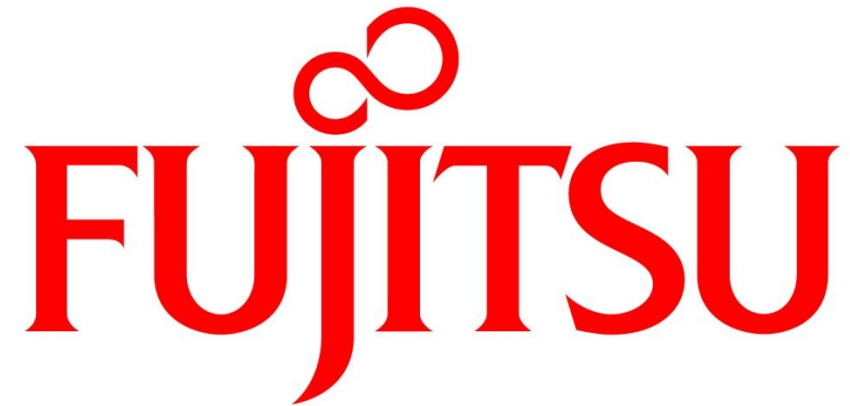
Translation the guidelines into English for group companies of outside Japan.

## Collaboration

Collaboration between community participating Dept. and OSS using Dept.

## Give & Take

- Bug fixes
- Modification of manuals
- Adding functions
- expansion of activities
- Community support etc.



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