

Taking over to the next generation

LinuxCon Japan 2016

Tokyo

Satoru Ueda



Retirement Age Regulation

60

It may be illegal in the United States, however...



Don't ask me!

Who is your successor?

Question

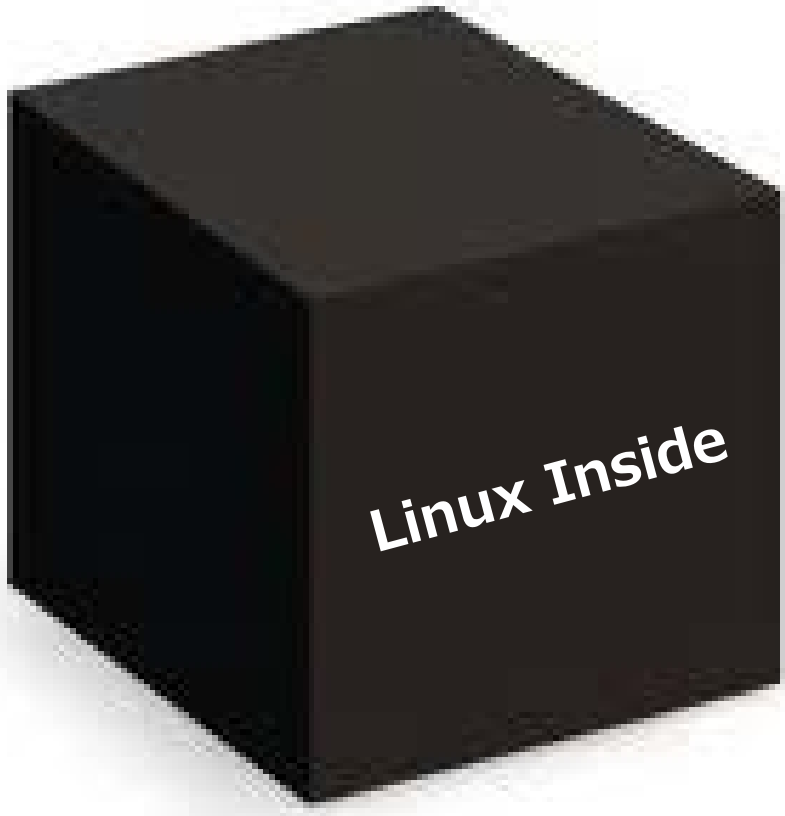
I am wondering:

Are my experiences worth taking over to the next generation?

Someone may be wondering:

Is my role in open community should be taken over to someone?

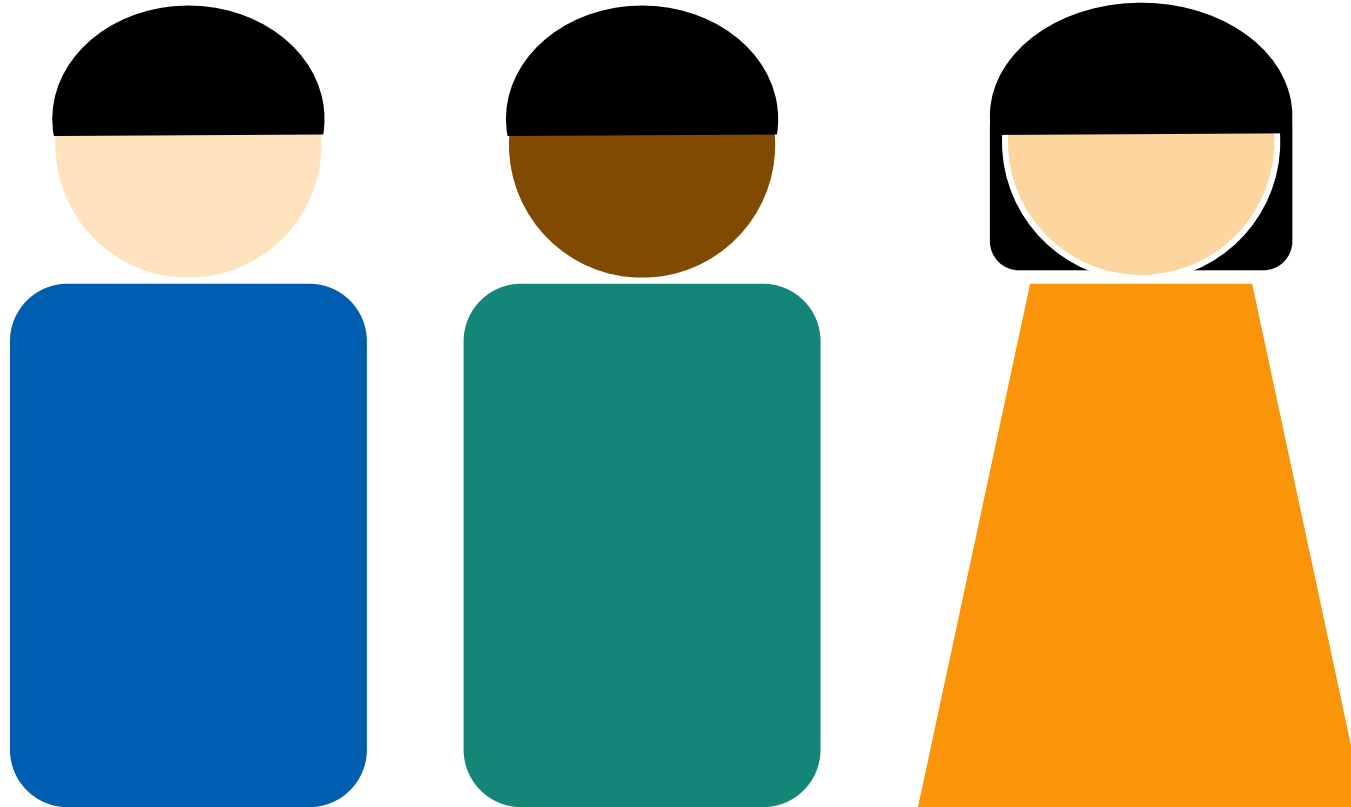
A Nightmare in Near Future?



The trouble seems caused by something from inside of this huge black box. However...

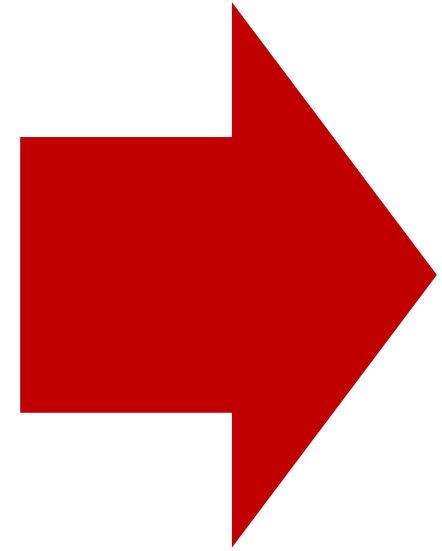
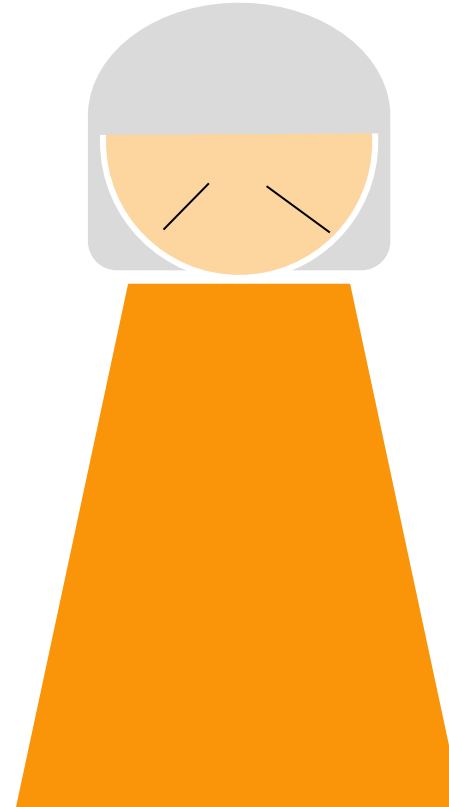
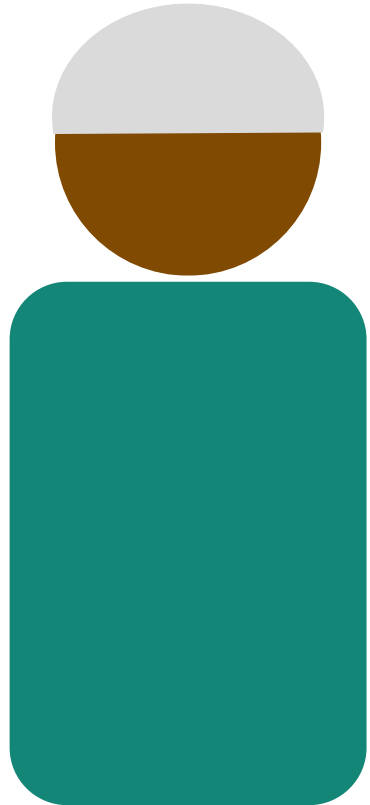
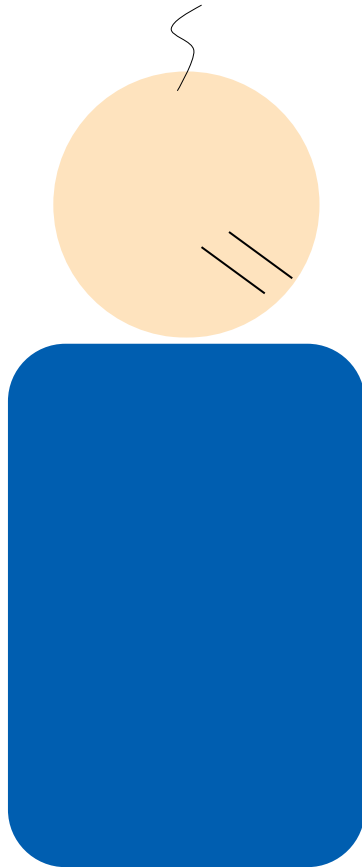


1991



25 years later

We have been enjoying Linux development!



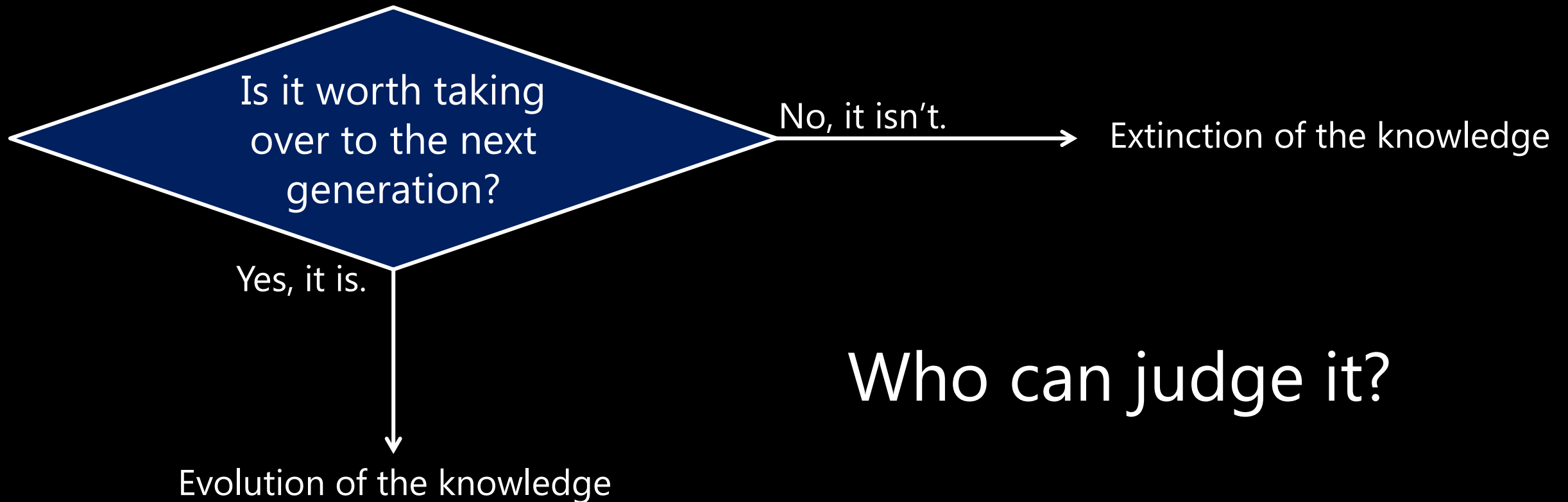
?



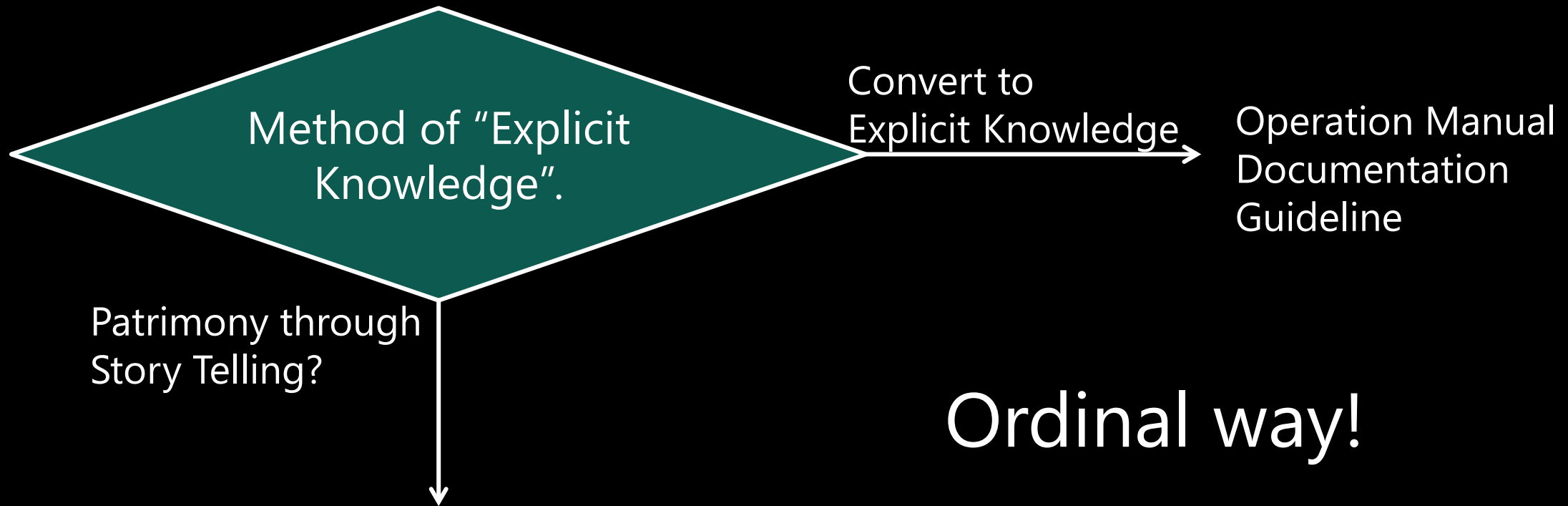
Reincarnation?



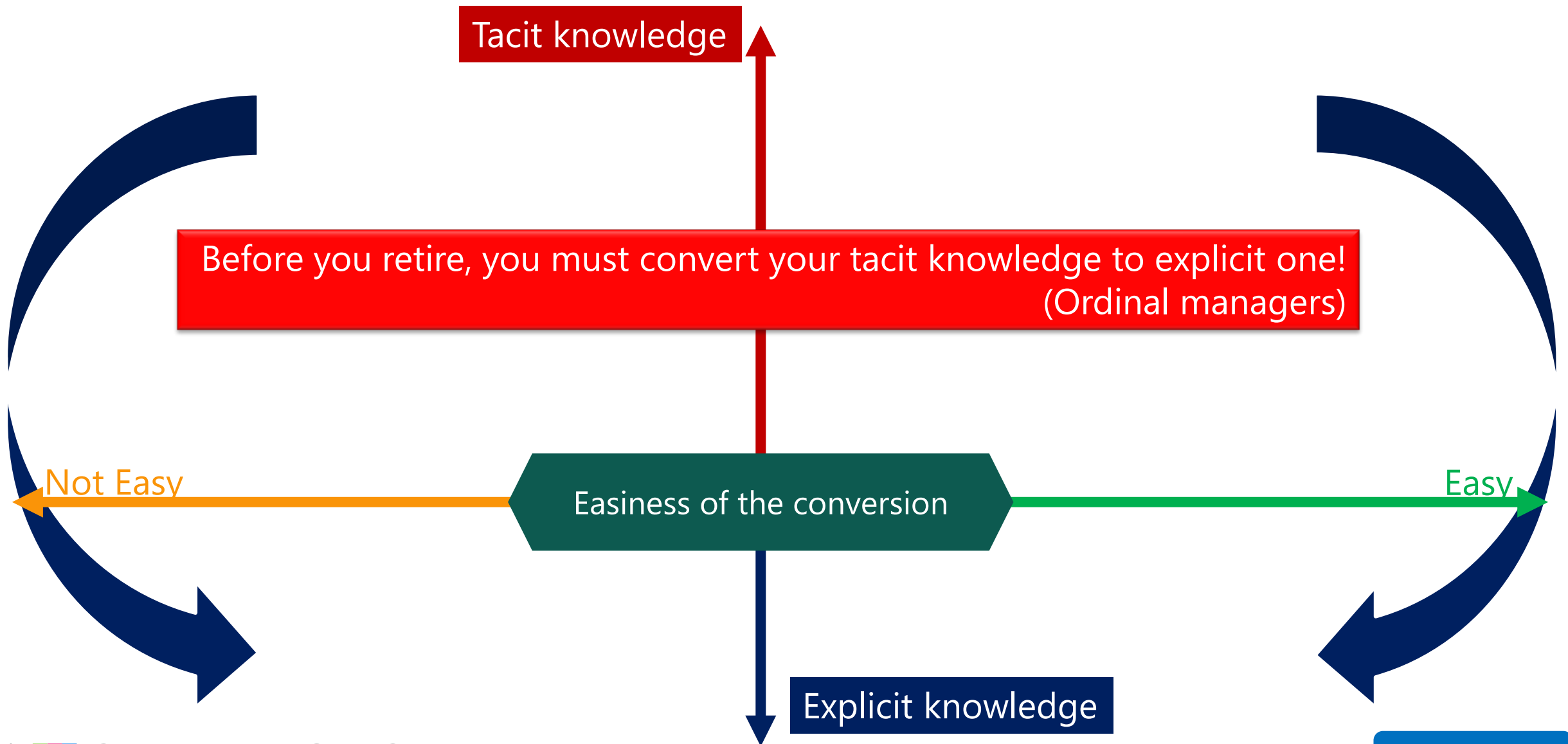
Question 1: Worth taking over?



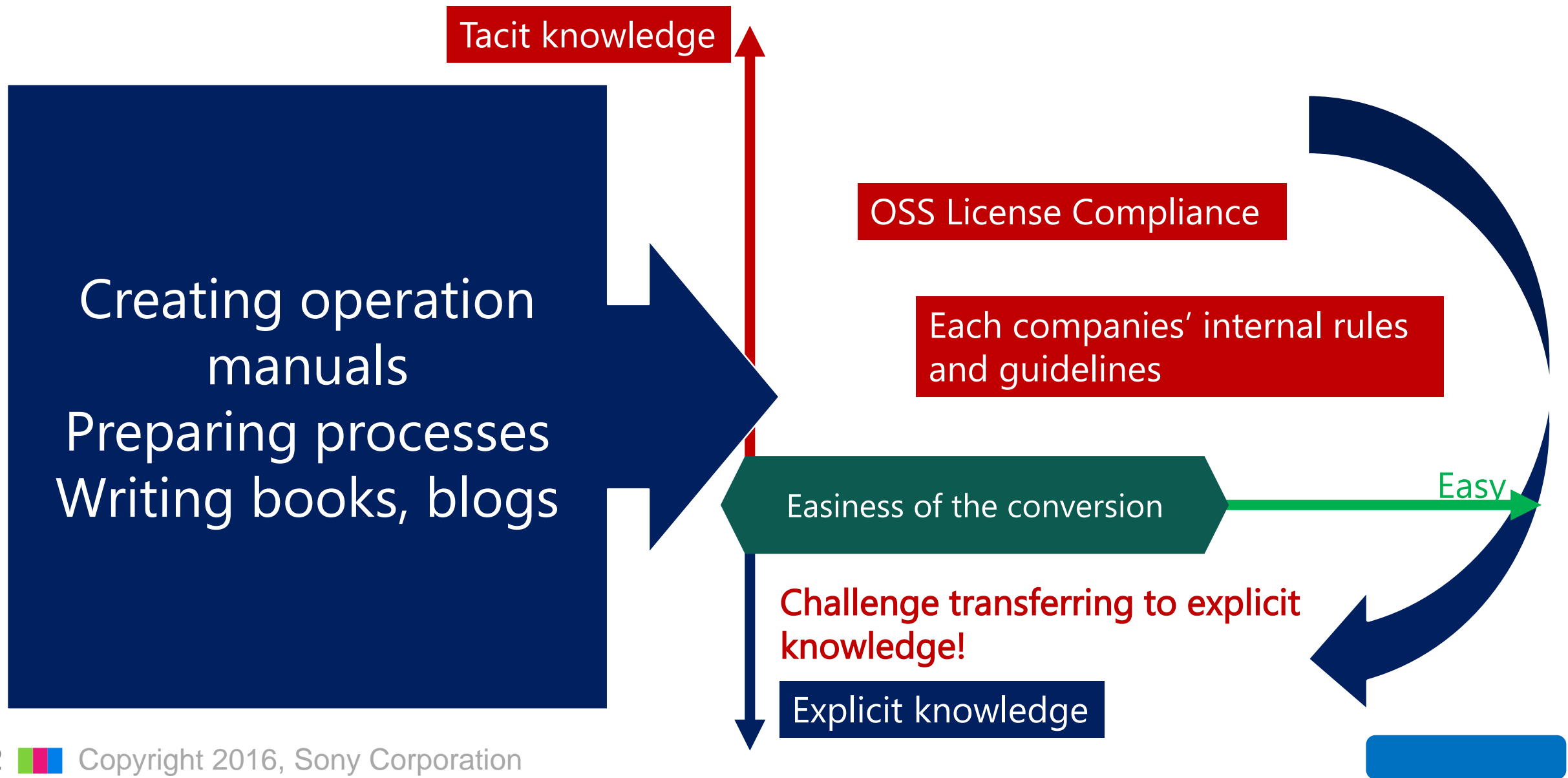
Question 2: Challenge to make it "Explicit Knowledge"



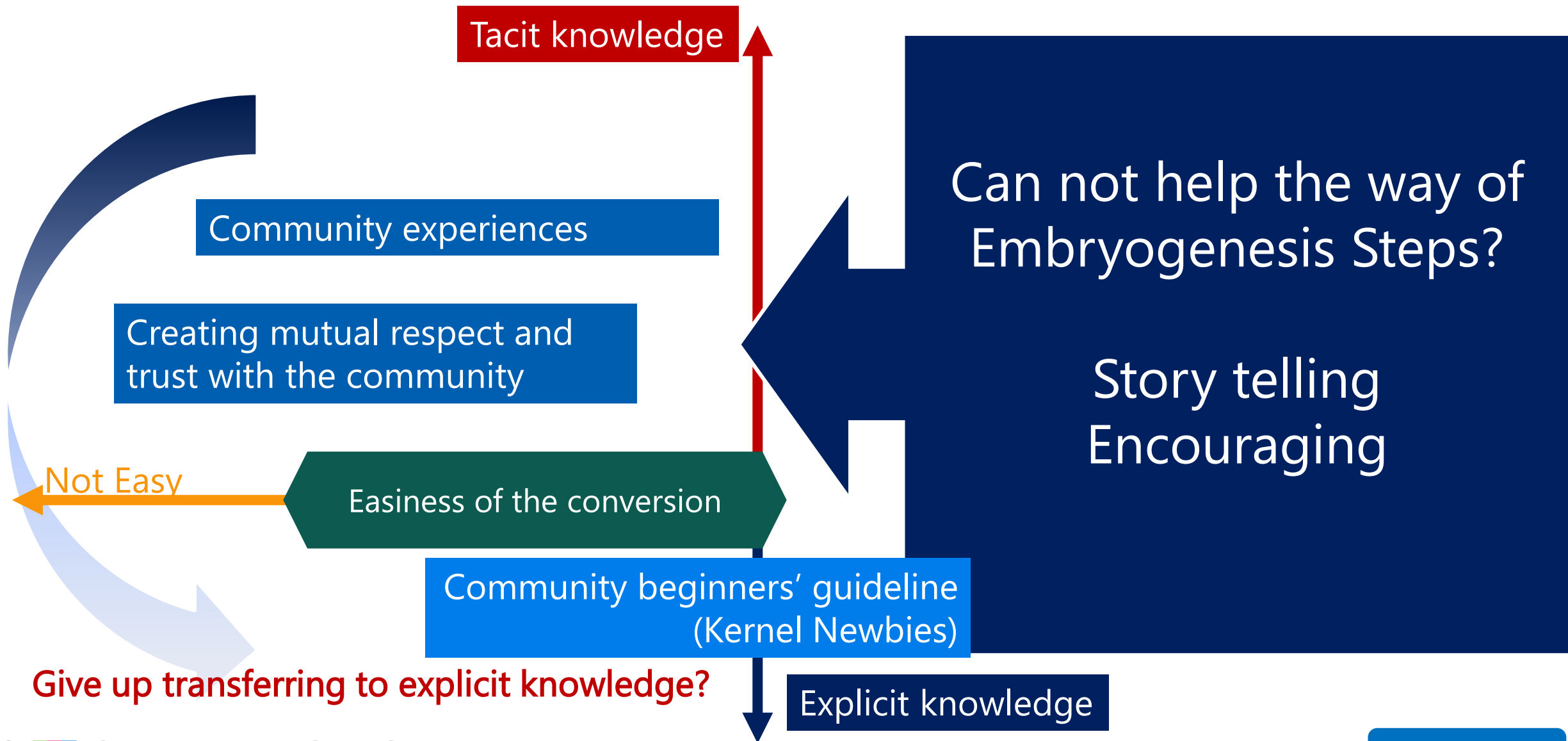
Tacit knowledge and Explicit knowledge



Tacit knowledge and Explicit knowledge

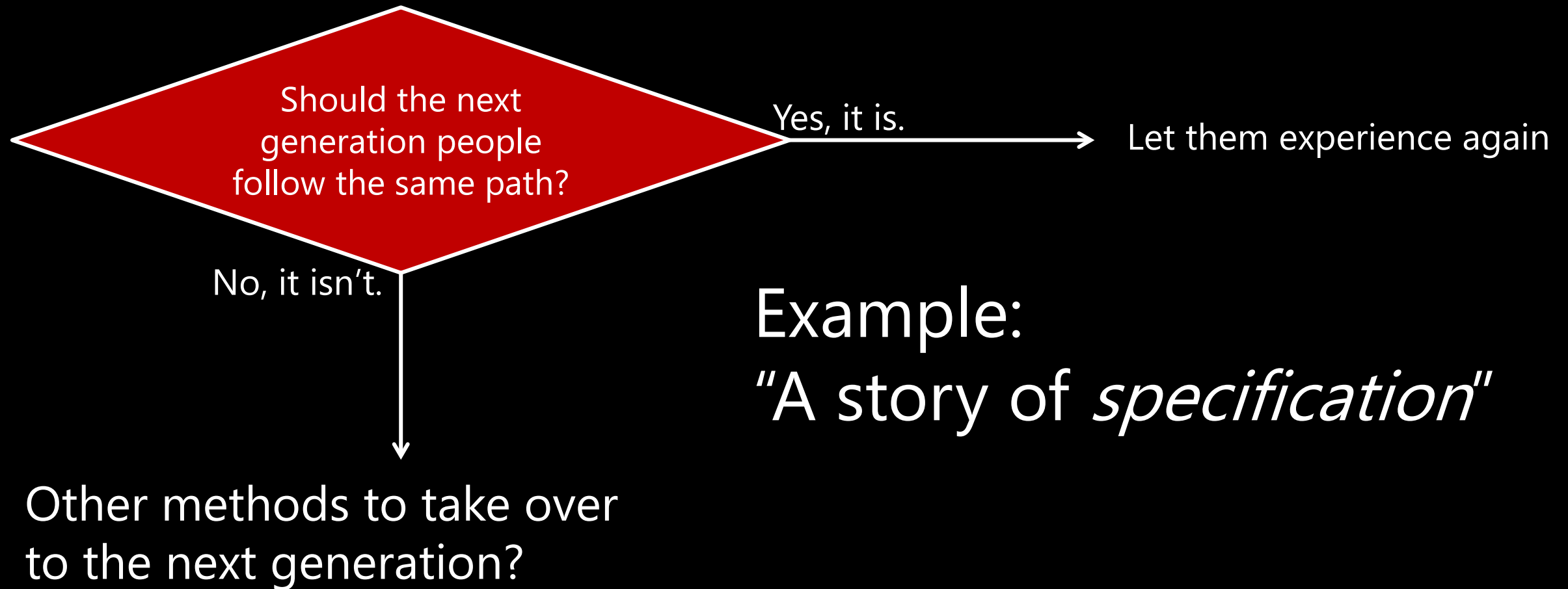


Tacit knowledge and Explicit knowledge



Question 3: "Embryogenesis Steps"

Evolution of the knowledge



A story of Specification

• 2003~04: CE Linux Forum created an Embedded Linux Standard Specifications

On Mon, May 17, 2004 at 12:05:36PM -0700,

> I am writing to announce the availability of the first draft of
> the CE Linux Forum 's first specification. This specification
> represents the efforts of six different technical working groups
> over about the last 9 months.

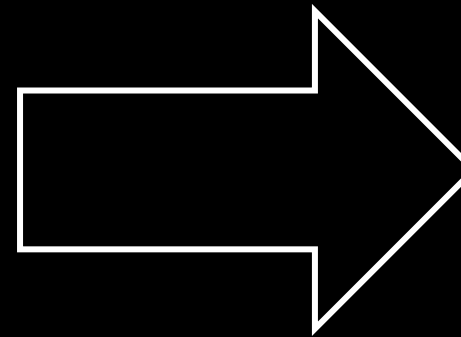
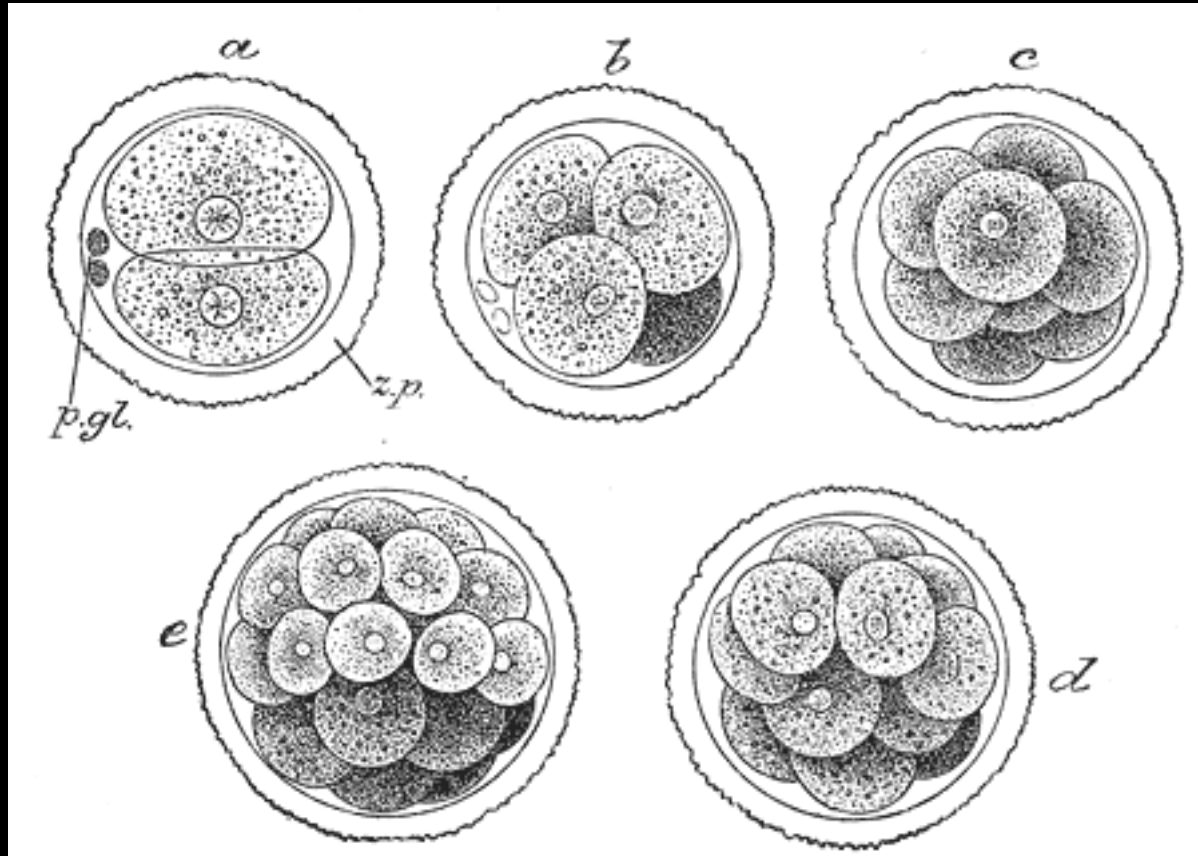


If you want my 2 Cent:

May be without any real experience, it is so hard to learn.

- *stop these rather useless specifications and provide patchkits instead*
- *try to actually submit the patches upstream to get a feeling which of your 'features' are completely hopeless, which are okay and which can better be solved in different ways.*

Let them Follow Embryogenesis Steps?

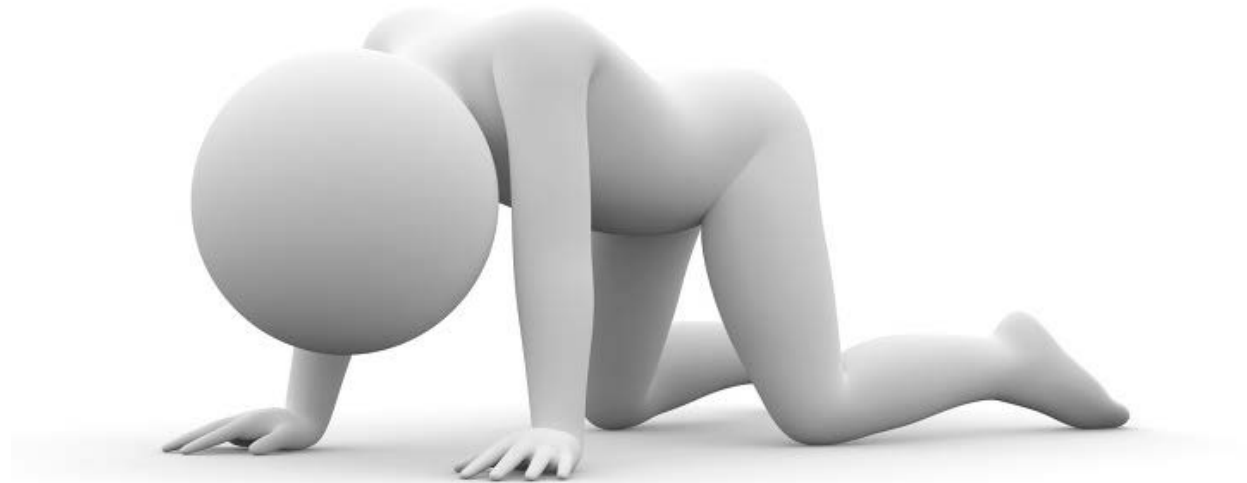


Should we let the next generation people to follow our past steps of evolution? Just resembling to the case of embryogenesis process.

I think it not always to be realistic.

Isn't it too huge to deal with?

- Should I read through this huge resources?
- Should I follow the trail of nearly 25 years of Linux history?



YATOS – Yet Another *Teachable* Operating System

- A proposal by Takeharu Kato
 - <https://github.com/takeharukato/yatos>



YATOS – Yet Another *Teachable* Operating System

- Would it be **attractive** for young people?
- How to make it attractive?



The screenshot shows a web browser displaying the GitHub repository page for 'takeharukato/yatos'. The browser's address bar shows the URL 'https://github.com/takeharukato/yatos'. The page title is 'README.ja'. The main content of the page is in Japanese and describes the YATOS operating system. It mentions that the program is intended for university students with 3-4 years of knowledge and is designed to be easy to learn and use. It also notes that the development of the system was inspired by the discontinuation of Topsy and the popularity of FreeBSD, Linux, and Minix.

GitHub - takeharukato/yatos: Yet Another Teachable Operating System - Google Chrome

GitHub, Inc. [US] https://github.com/takeharukato/yatos

README.ja

YATOS - Yet Another Teachable Operating System

[1] 本プログラムについて

本プログラムは，大学の学部学生程度の知識(3-4年次を想定)の範囲で，オペレーティングシステムの基本的な考え方を学ぶための教材とすることを想定して実装した簡単なオペレーティングシステムカーネルです。

名称は，Yet Another Teachable Operating System(以下YATOSと略す)です。スイス連邦工科大学チューリッヒ校の教育用マイクロカーネルであるTopsy(<http://www.tik.ee.ethz.ch/~topsy/>)の開発が停止していること，近年のFreeBSD, Linux, Minixが実用指向を目指しており，OSの設計や実装を学ぶには，プログラムコードとして処理ロジックが見通しにくく，教育に向かないことから新規のOSカーネルを実装し直しています。



Traditional performing arts , also inherit “skills to inherit”



Is it required developing the way to take over the technologies to the next generation?

I would like to be optimistic!



At least, the next generation people also enjoy the Open Community Way...

Most of the concerns would be wiped away.



Thank you very much for joining!

