

WHAT IS THE PROJECT MANAGEMENT?

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AGENDA

- **What is Project?**
- **Communicate!**
- **Teambuilding**
- **Project Management**
- **Conclusion**

WHAT IS PROJECT?

WHAT IS PROJECT?

Project is...

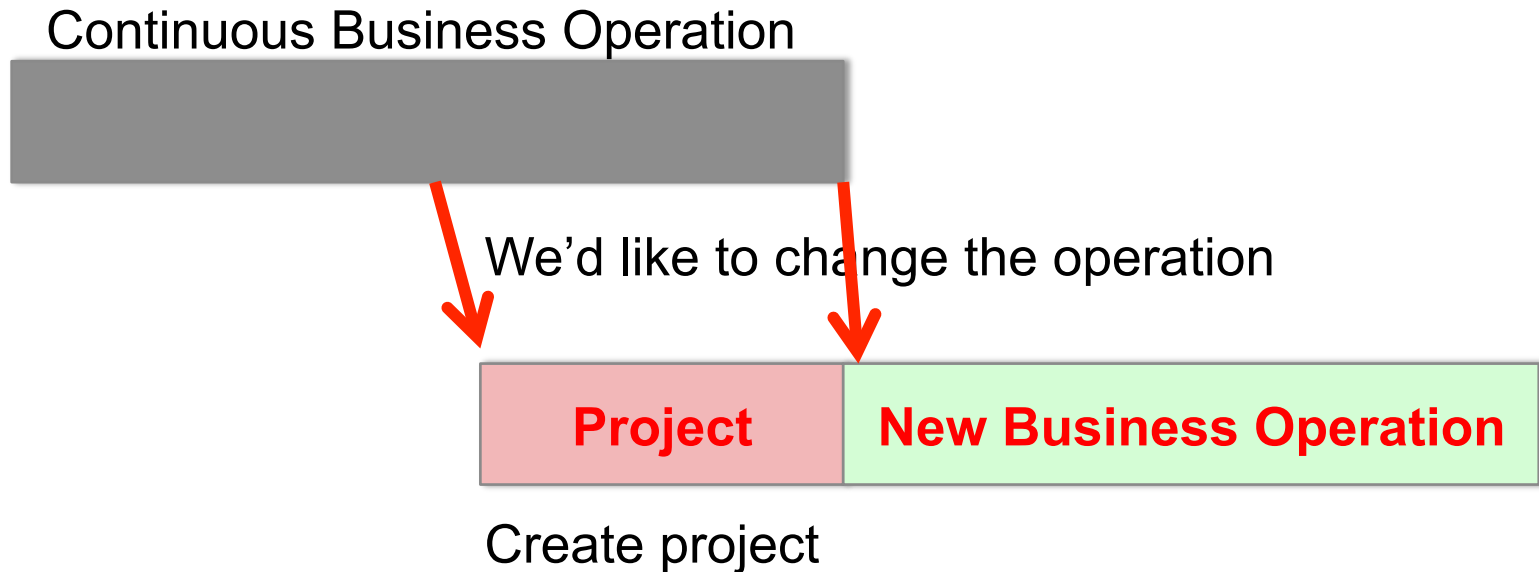
Planned set of interrelated tasks to be executed over a fixed period and within certain cost and other limitations.

It has a own objective. It means each project is unique.

- **Temporary**
- **Unique products, services**
- **Clear Purpose**
- **Progressive Elaboration**

WHAT IS PROJECT?

View from the company...



WHAT IS PROJECT?

We need to execute project successfully

Goal setting is important

- The goal must be easily understood**
- Product / Service must be clearly defined**

All the people related to the project will be happy.

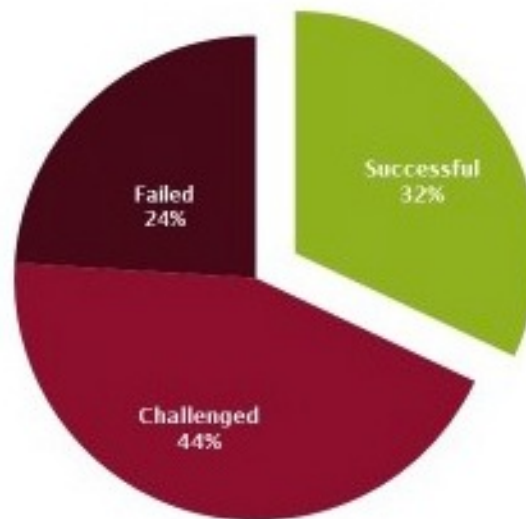
WHAT IS PROJECT?

We want to be happy, but...

68% Of All Projects Not Successful

Ausgestellt am 8. März 2012 von Ingo Meironke in Business, English, Featured, Resource Management

Standish Group stated in their Chaos Report of 2009 that ~68% of all projects are not successful.



CHAOS Summary 2009, Standish Group

WHAT IS PROJECT?

We want to be happy!

We need to understand Project Management.

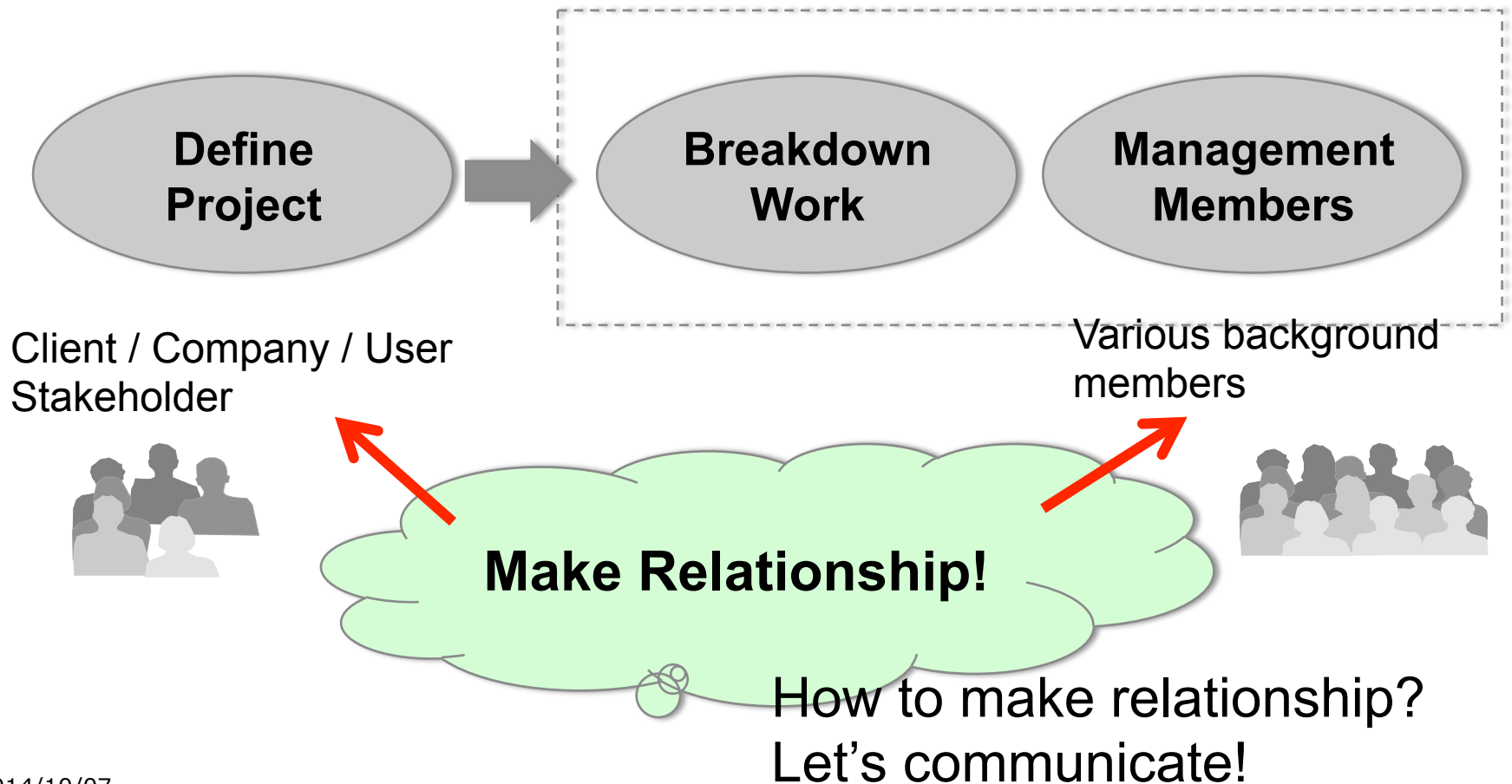
So, We execute project successfully by using scientific / logical method.

It is Modern Project Management.



WHAT IS PROJECT?

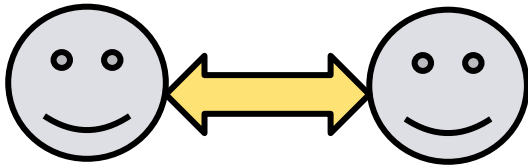
Project is Fixed, Unique and People work.



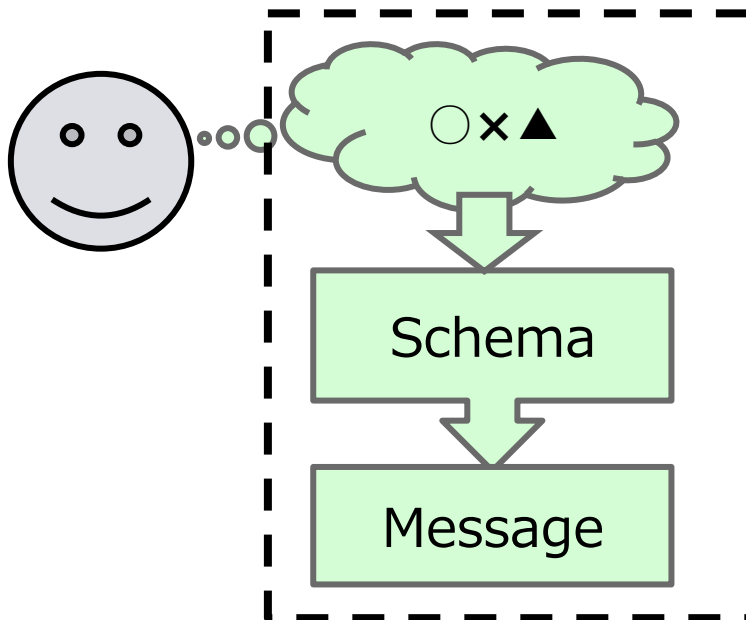
COMMUNICATE!

COMMUNICATE!

Communication is two-way method.



But, we have own protocol method.

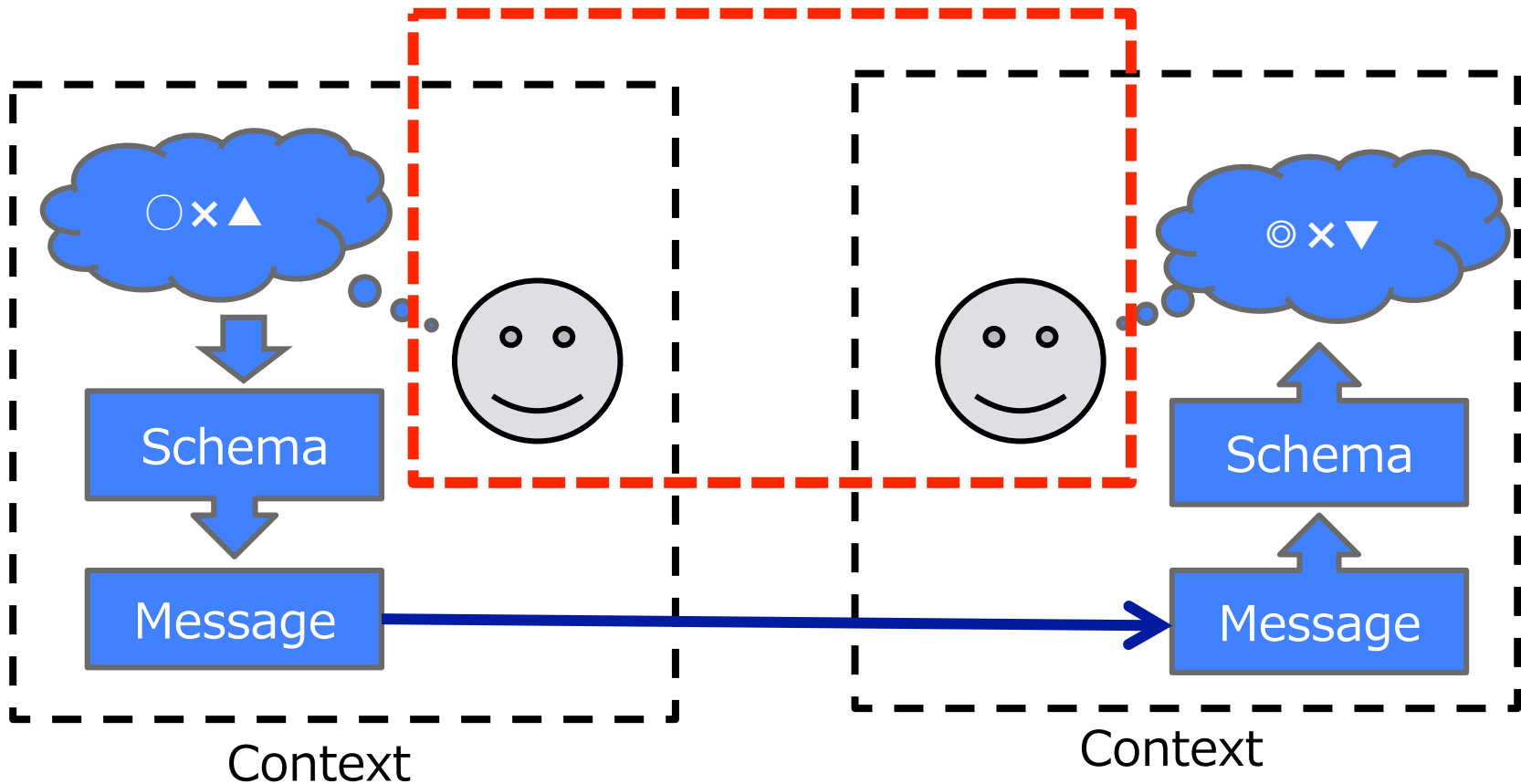


We have each schema.
(Knowledge, Meanings)
It's depend on our each
experience.

COMMUNICATE!

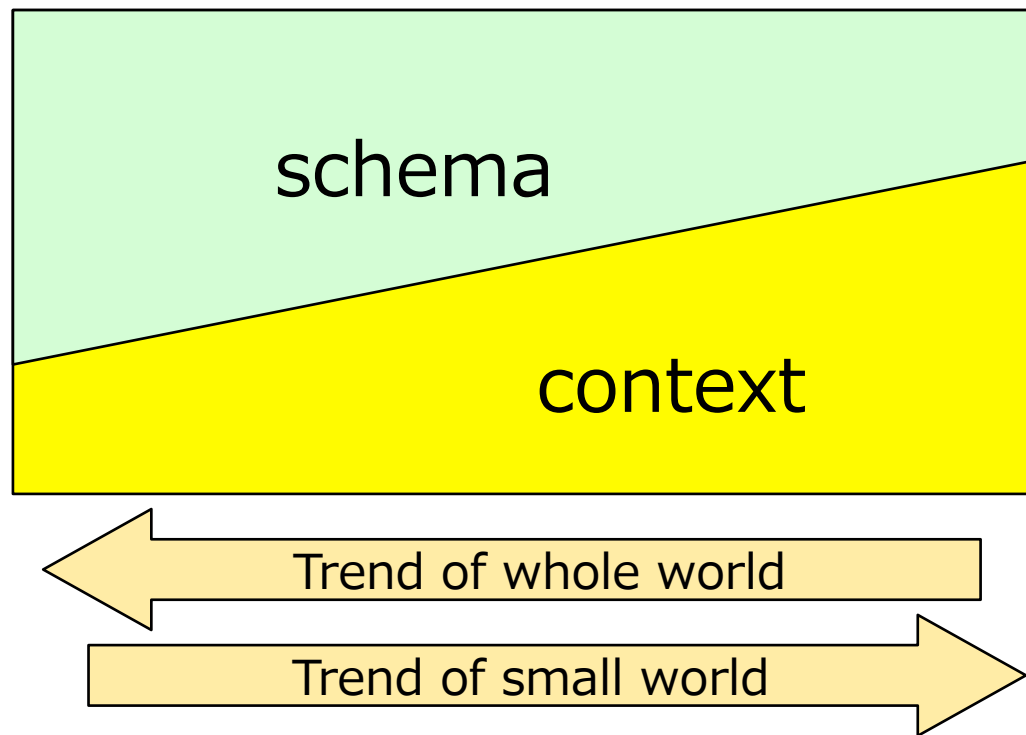
Communication Model

Common Context = mood



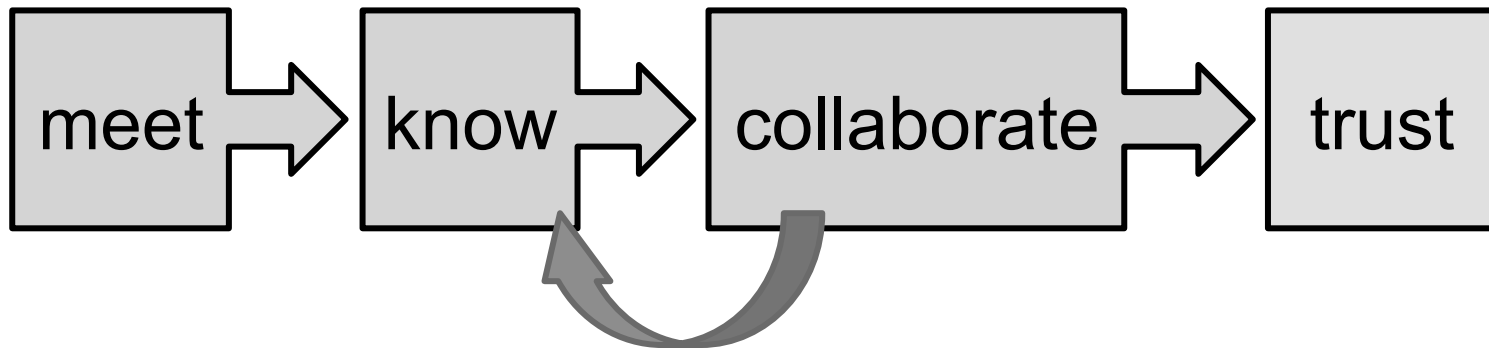
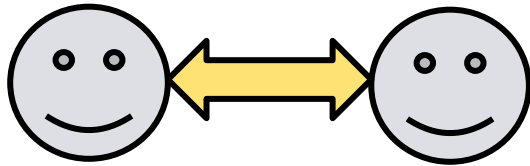
COMMUNICATE!

Ratio of schema and context in the communication



COMMUNICATE!

How do we build a trust relationship?



Characteristics / Personal interest /
Skills / Thinking method / Attitude /
Role of team / ..and more

TEAMBUILDING

TEAMBUILDING

System development project is a continuous process of making consensus.

So, we need

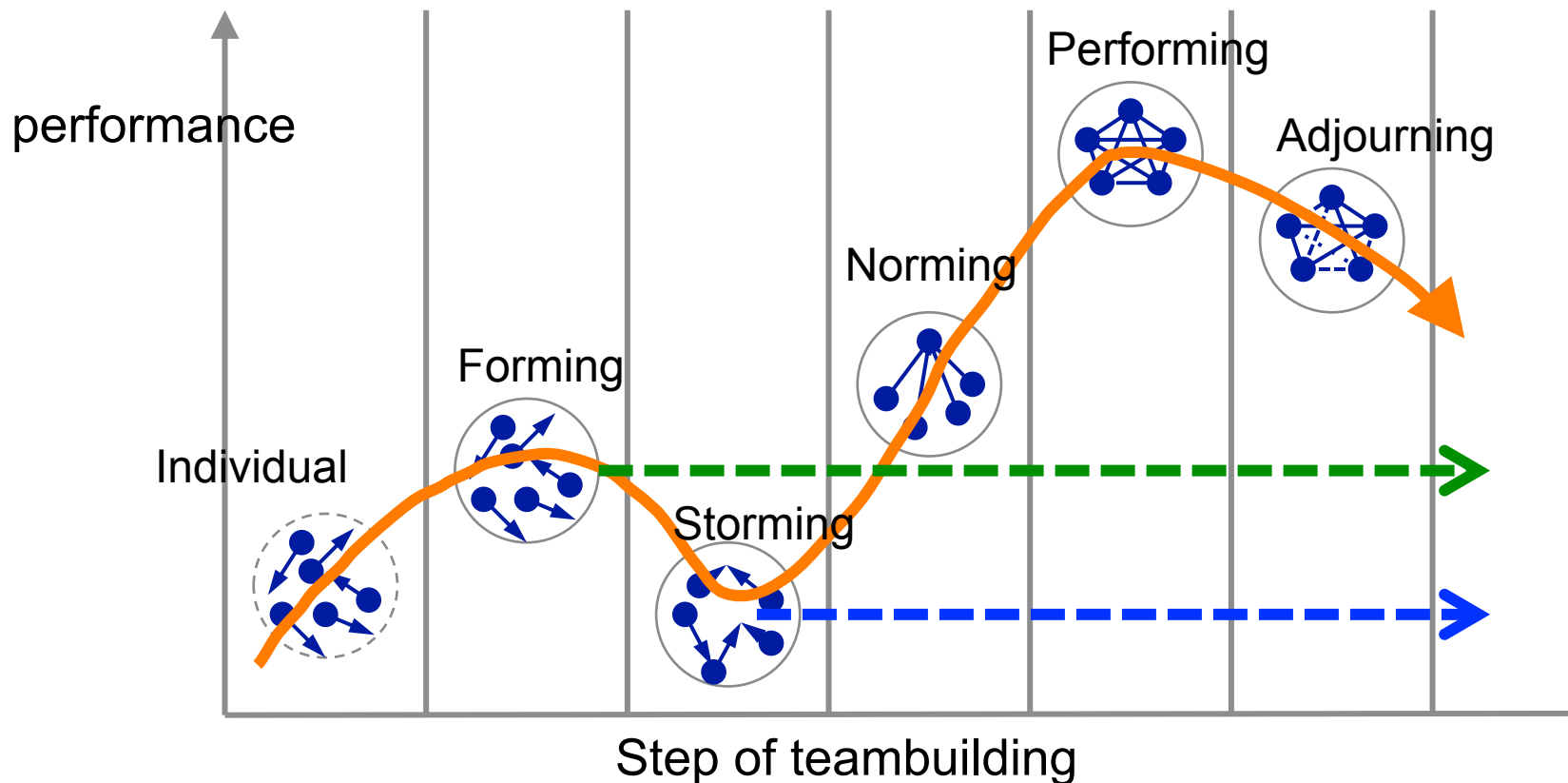
Team management (people management)

Product/Service management (value management)

TEAMBUILDING

Team doesn't occur by itself, it need to be created.

Tuckman's teambuilding model

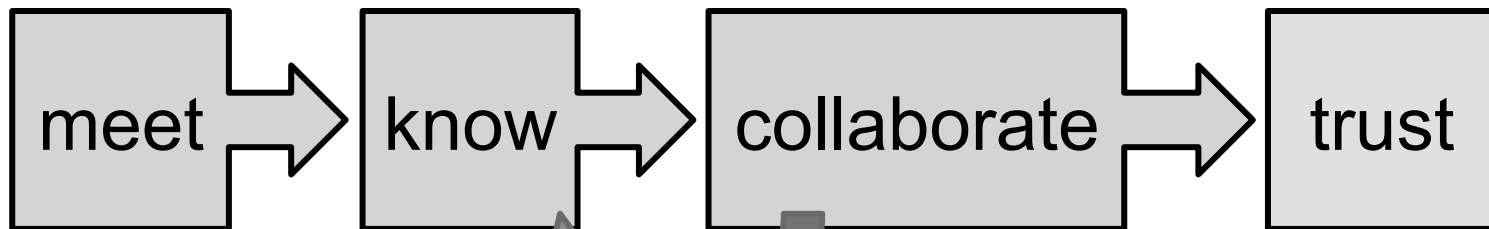


TEAMBUILDING

The storming step is not BAD, it is needed to understand each other.

But, long storming step lead low performance.

Teambuilding is not only leader's task, it is all member's task.



Characteristics / Personal interest /
Skills / Thinking method / Attitude /
Role of team / ..and more

PROJECT MANAGEMENT

PROJECT MANAGEMENT

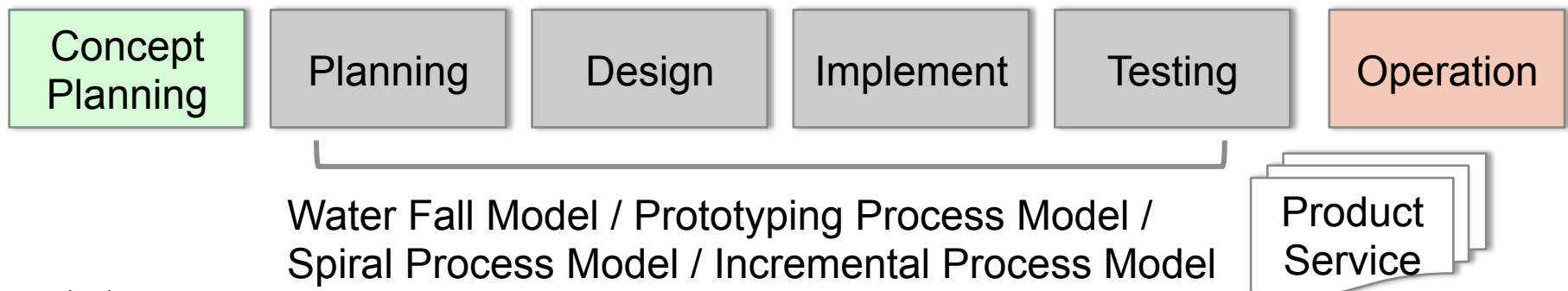
Modern Project Management is Process oriented methodology.

**PMBOK Guide describes processes in IPO
(Input – Process –Output)**

PMBOK :

A Guide to the Project Management Body of Knowledge

Basic process on Project



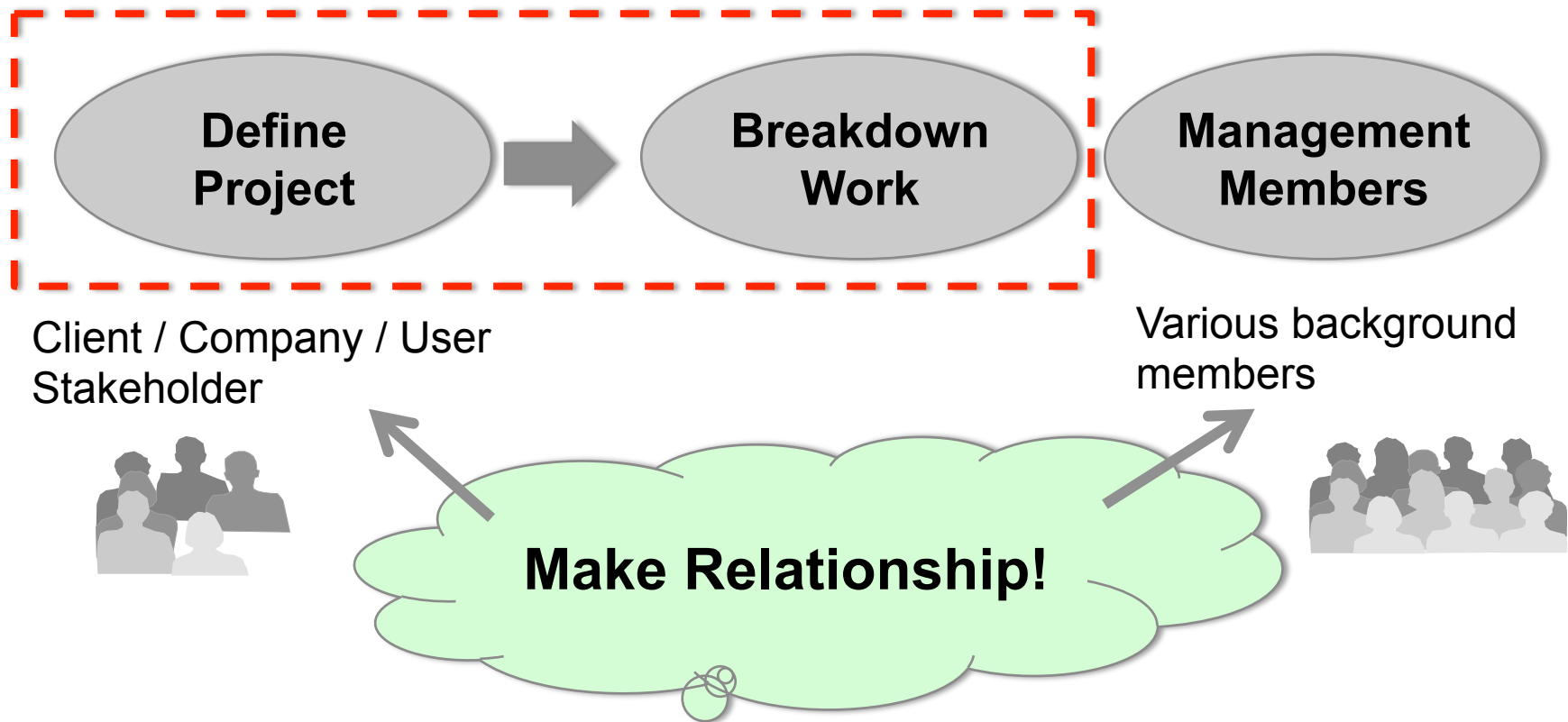
PROJECT MANAGEMENT

Process Approach

- **“Process” is a set of interrelated or interacting activities which transforms input into output by using available resources.**
- **“Process Approach” is to clarify the process in the organization to understand the interaction of process and operate a series of process as a system.**

PROJECT MANAGEMENT

Project is Fixed, Unique and People work.

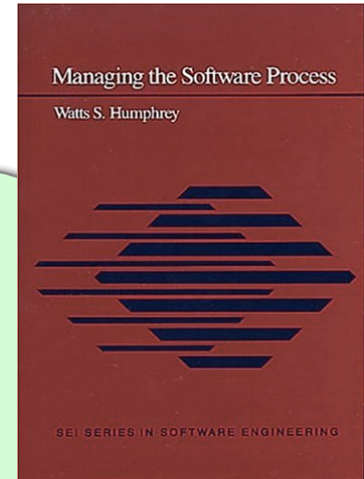


PROJECT MANAGEMENT

Definition of Software Development Project Process

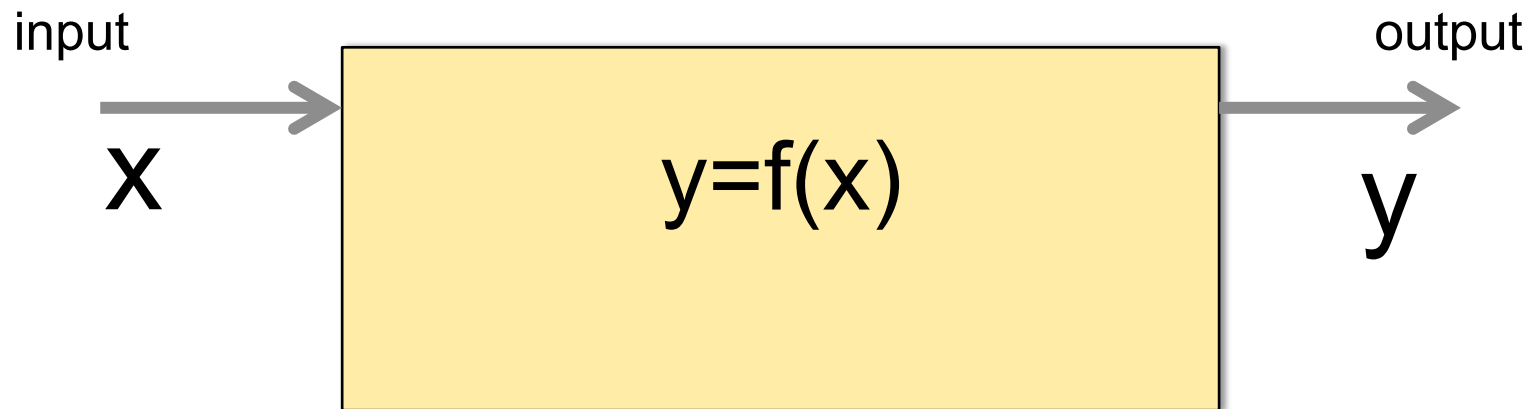
“Managing the Software Process” (1989 Watt S. Humphrey)

- A set of tasks that, when properly performed, produces the desired result.
- A fully effective software process must consider the relationships of all the required tasks, the tools and methods used, and the skill, training, and motivation of people involved.



PROJECT MANAGEMENT

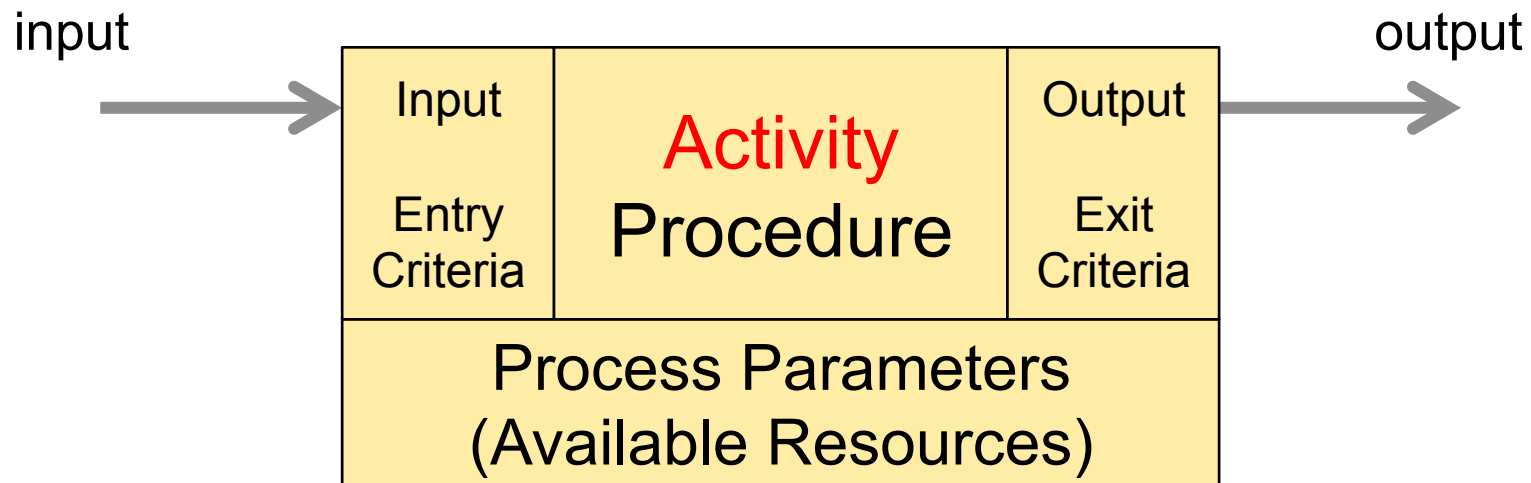
Software is not simple like the 'Mathematical model'.



Process transforms input into output by using available resources.

PROJECT MANAGEMENT

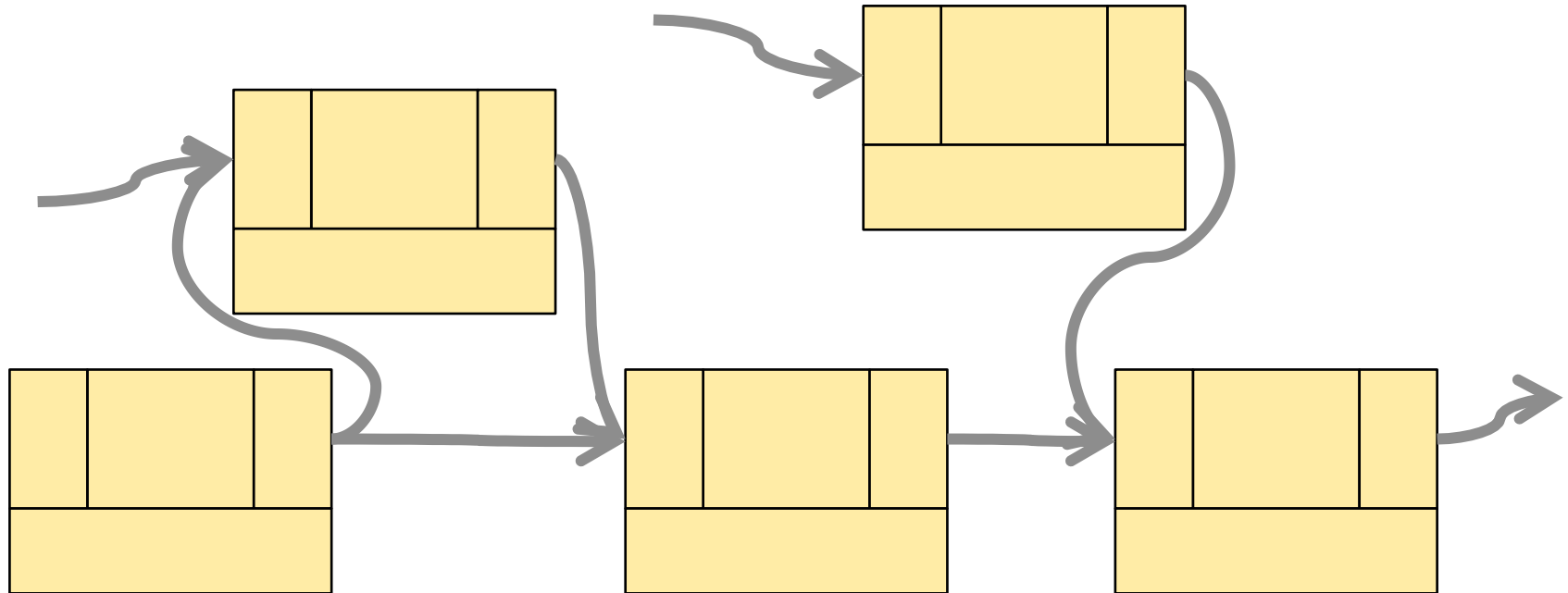
Software is not simple like the 'Mathematical model'.



Budget / Skill / Knowledge / Tools / Facility / Information

PROJECT MANAGEMENT

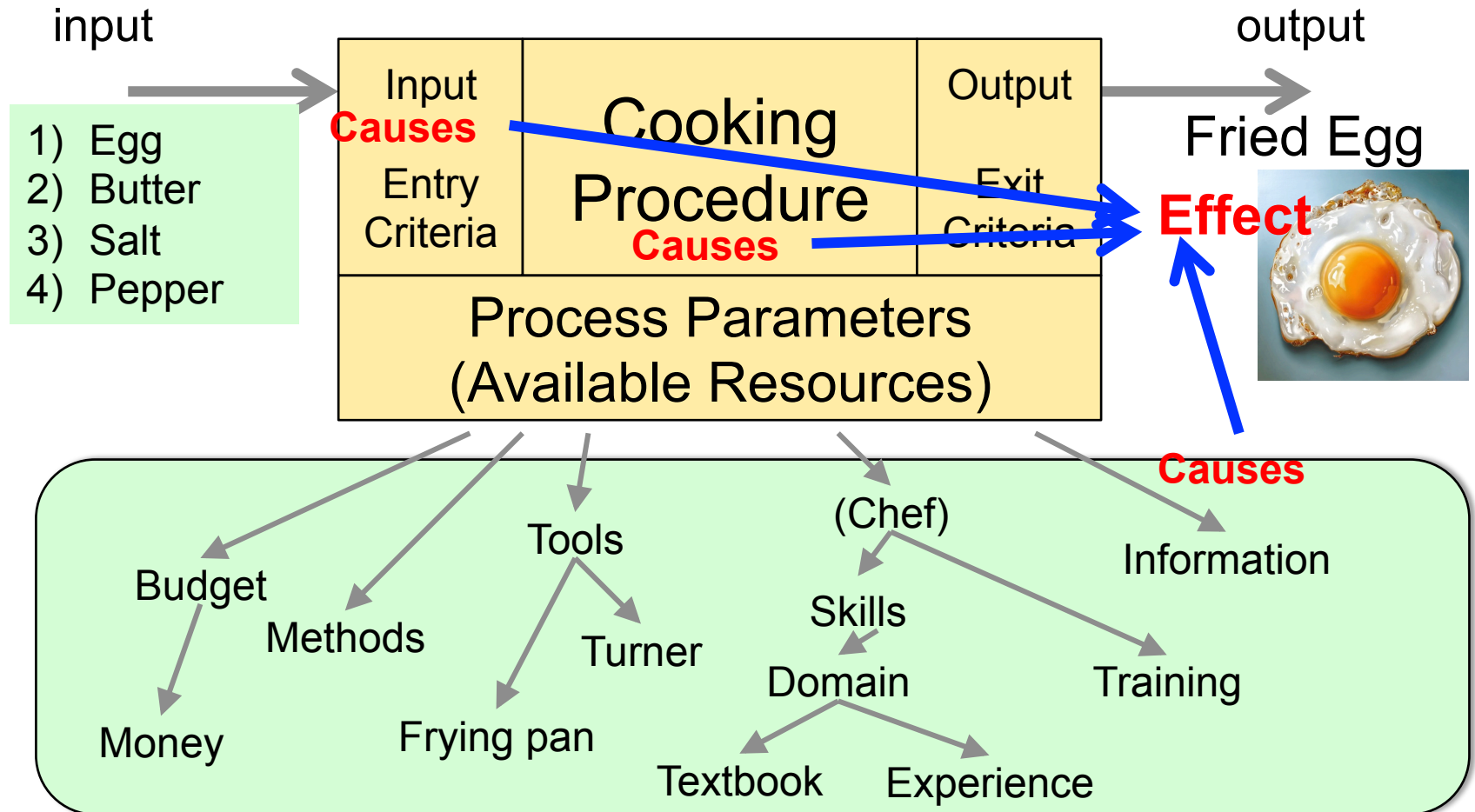
A Process Network



Inter-related “Processes” (nodes) are connected by an “Arrow (line)”.

PROJECT MANAGEMENT

Cooking Process of fried egg



PROJECT MANAGEMENT

Cause and Effect

- Change of process parameters (cause)**
- Effect on product**

Please consider cause and effect of the 'over-cooked' fried egg.

PROJECT MANAGEMENT

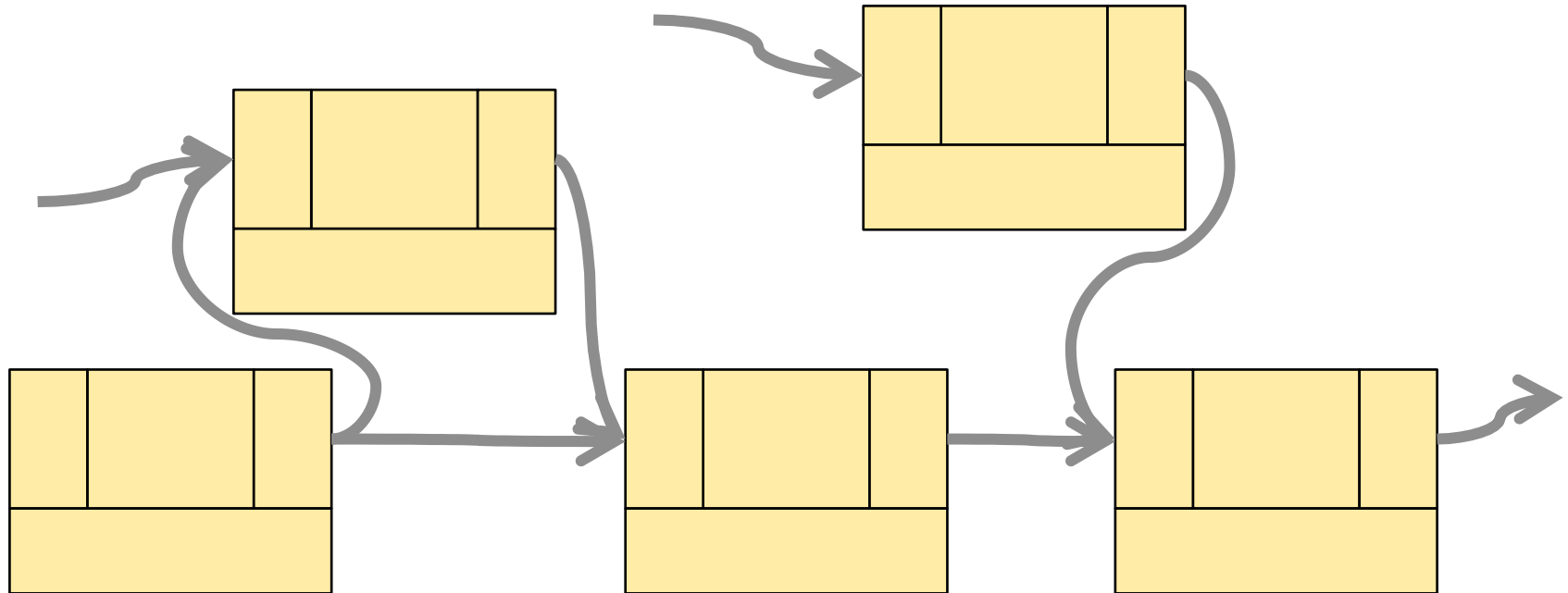
Over-cooked fried egg

- Lack of cooking experiences (skill)
- Recipe description error (information) occurred
- Bad control of fire ((detailed) skill)
- Too much cooking time ((allocated) resource) occurred
- Over-cooked fried egg(effect)



PROJECT MANAGEMENT

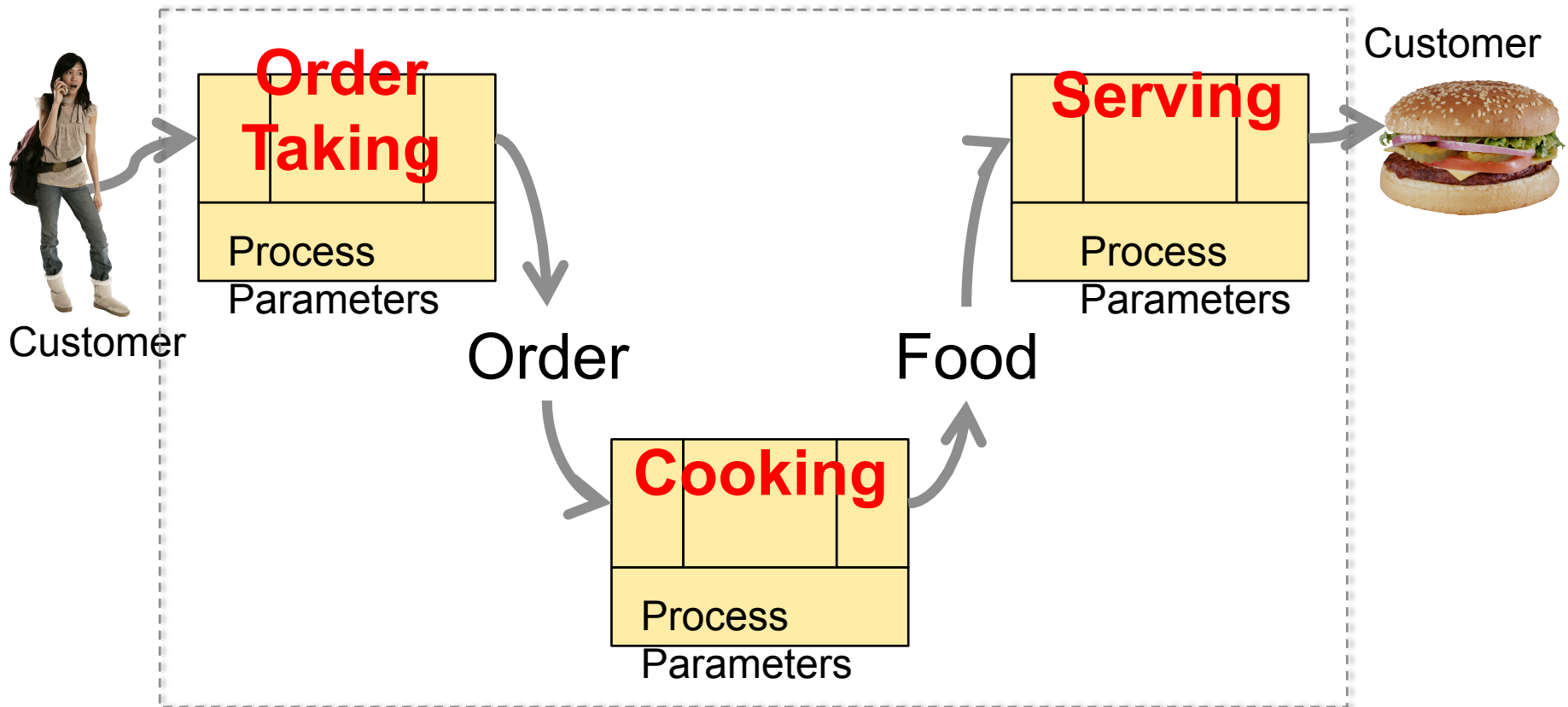
A Process Network



Inter-related “Processes” (nodes) are connected by an “Arrow (line)”.

PROJECT MANAGEMENT

Restaurant Process



Product Realization Process
Support Process

PROJECT MANAGEMENT

Breakfast exercise

Check your process.

Step1: Start from the end of process network

Step2: Check the useless processes

Step3: Check the wasting time processes

Did you consider the background of breakfast?

What is the true request of your girlfriend?

They are preconditions of process parameters.

--- Constraints

--- Customer Requirements

PROJECT MANAGEMENT

Project is...

Planned set of interrelated tasks to be executed over a fixed period and within certain cost and other limitations.

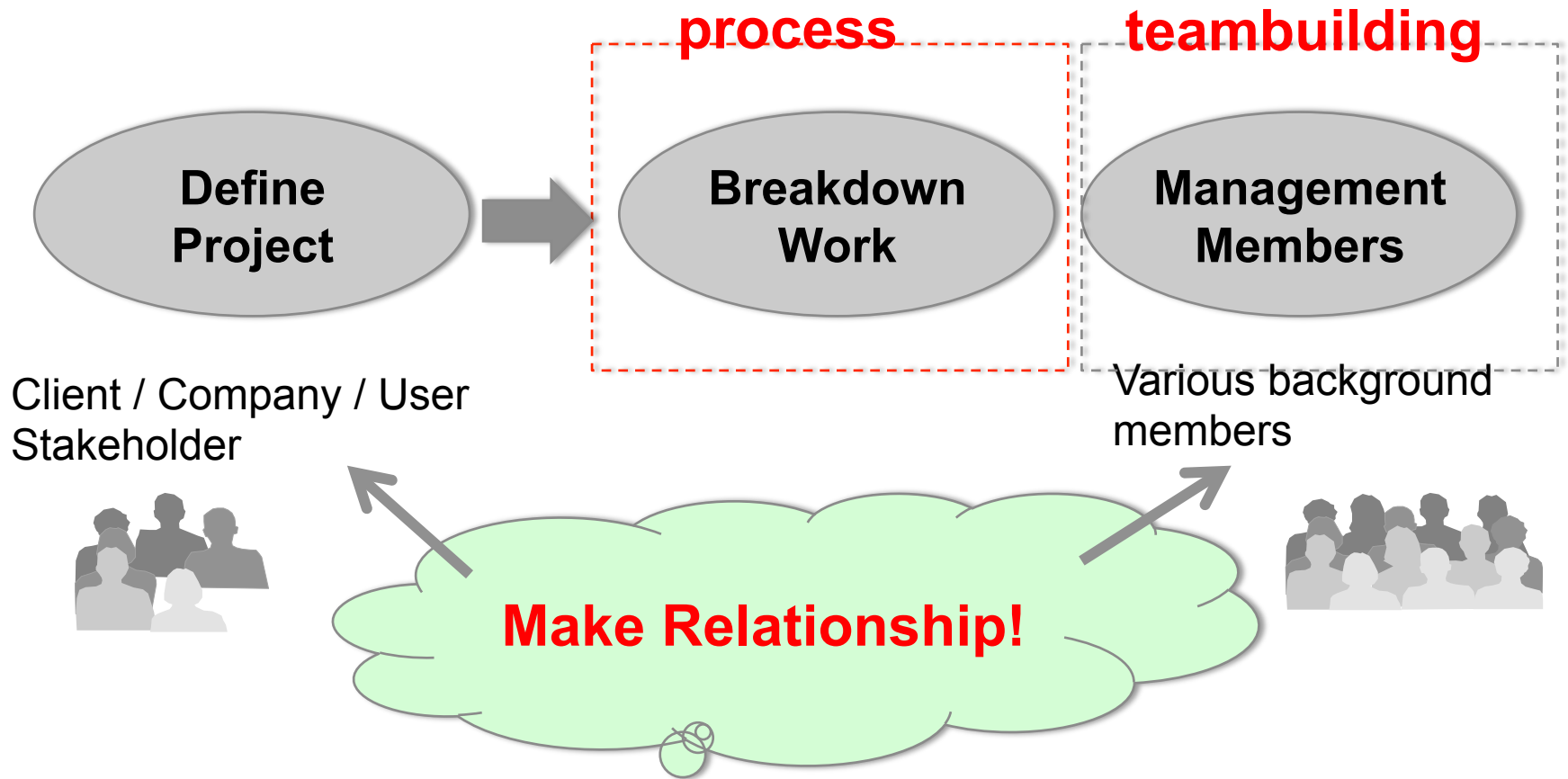
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CONCLUSION

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Project is Fixed, Unique and People work.



CONCLUSION

- **Motivation of members and leaders is a core concept of software project success.**
- **Teambuilding is effective to increase motivation.**
- **Each software project has its unique situations. Every software project is different.**
- **Analysis of real situations of software project by various methods enhances your abilities to manage software project.**

Thank you for your attention.

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