



# Outline

Collaborative work  
with Scrum

TOSSOU Osias  
Noël

The origins of the Scrum approach

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Scrum approach

What are the terminologies of the Scrum approach ?

What are the  
terminologies of  
the Scrum  
approach ?

How to use the Scrum ?

How to use the  
Scrum ?

What are the tools for scrum ?

What are the tools  
for scrum ?

When to use the Scrum ?

When to use the  
Scrum ?

What are the advantages of the Scrum approach ?

What are the  
advantages of the  
Scrum approach ?

What are the disadvantages of the Scrum approach ?

What are the  
disadvantages of  
the Scrum  
approach ?

# The origins of the Scrum approach

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with Scrum

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At the origin of the Scrum approach, the term “Agile” which designates a modern approach to project management via iterative development. This method was born in the 1950s in the United States.

## Agile

Agile is set of methods and practices that allow you to develop an IT product or service empirically. The Agile method solves complex problems, dividing them into individual tasks, prioritizing them and distributing them to each competent member of a team.

## Scrum

The Scrum is framework of project management which is used to implement the Agile method.

The origins of the  
Scrum approach

What are the  
terminologies of  
the Scrum  
approach ?

How to use the  
Scrum ?

What are the tools  
for scrum ?

When to use the  
Scrum ?

What are the  
advantages of the  
Scrum approach ?

What are the  
disadvantages of  
the Scrum  
approach ?

# What are the terminologies of the Scrum approach ?

Collaborative work  
with Scrum

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- ▶ **The team** ( Product Owner, Scrum Master and Developpeurs) max of team members is 10.
- ▶ **The Backlog** The Product Owner is responsible for the Backlog (the product log) , which implies that he validates everything that could be included.
- ▶ **Sprint** Once the Backlog is defined, the Sprints come into play.
- ▶ **Daily Scrum** : The key to speed lies in the communication between the members of the team , in particular on the obstacles encountered but also the progress.
- ▶ **Sprint review** and **Sprint restropective**

The origins of the  
Scrum approach

What are the  
terminologies of  
the Scrum  
approach ?

How to use the  
Scrum ?

What are the tools  
for scrum ?

When to use the  
Scrum ?

What are the  
advantages of the  
Scrum approach ?

What are the  
disadvantages of  
the Scrum  
approach ?

# How to use the Scrum ?

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with Scrum

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The challenge for Scrum is, according to the [scrum.org](https://www.scrum.org) site, to “solve complex problems in a dynamic, productive and creative environment, while creating products with high added value”.

The origins of the  
Scrum approach

What are the  
terminologies of  
the Scrum  
approach ?

How to use the  
Scrum ?

What are the tools  
for scrum ?

When to use the  
Scrum ?

What are the  
advantages of the  
Scrum approach ?

What are the  
disadvantages of  
the Scrum  
approach ?

# How to use the Scrum ?

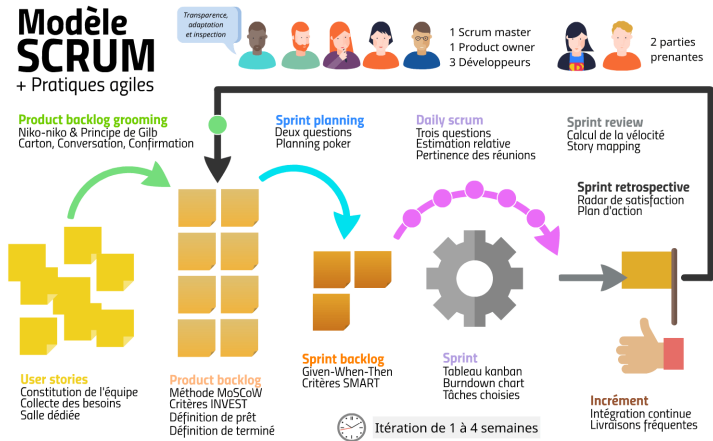


Figure: Process of scrum

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The origins of the  
Scrum approach

What are the  
terminologies of  
the Scrum  
approach ?

How to use the  
Scrum ?

What are the tools  
for scrum ?

When to use the  
Scrum ?

What are the  
advantages of the  
Scrum approach ?

What are the  
disadvantages of  
the Scrum  
approach ?

# What are the stool for scrum ?

Collaborative work  
with Scrum

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No need for sophisticated equipment to get started with Scrum.

A simple tool to organize your thoughts is enough. This can also be a software like Trello (online project management tool which allows you to implement the Scrum) or any table, sheet etc.

We usually think of post-its when we talk about scrum workshop, and indeed, they are useful.

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Scrum approach

What are the  
terminologies of  
the Scrum  
approach ?

How to use the  
Scrum ?

What are the tools  
for scrum ?

When to use the  
Scrum ?

What are the  
advantages of the  
Scrum approach ?

What are the  
disadvantages of  
the Scrum  
approach ?

# When to use the Scrum ?

Collaborative work  
with Scrum

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The Scrum approach is used by developers or educational engineers to develop websites, mobile applications, etc.

The origins of the  
Scrum approach

What are the  
terminologies of  
the Scrum  
approach ?

How to use the  
Scrum ?

What are the tools  
for scrum ?

When to use the  
Scrum ?

What are the  
advantages of the  
Scrum approach ?

What are the  
disadvantages of  
the Scrum  
approach ?



# What are the advantages of the Scrum approach ?

- ▶ **Intelligent work** management that generates more efficiency and productivity
- ▶ **Better visibility** and **communication** of teams on current topics
- ▶ The development and autonomy of each member of the group
- ▶ **Team cohesion**, constant reflection to overcome difficulties
- ▶ **Better performance** , “The speed and quality of work of agile agencies, are far above those that are not” - Arnaud (source Annual State of Agile Report )
- ▶ **Velocity**. It's the idea of saying that the team is able to do a certain amount of work in a given time , more than predicting a final delivery date.

Collaborative work  
with Scrum

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Noël

The origins of the  
Scrum approach

What are the  
terminologies of  
the Scrum  
approach ?

How to use the  
Scrum ?

What are the tools  
for scrum ?

When to use the  
Scrum ?

What are the  
advantages of the  
Scrum approach ?

What are the  
disadvantages of  
the Scrum  
approach ?

# What are the disadvantages of the Scrum approach ?

- ▶ It is necessary to be extremely rigorous on the implementation and monitoring .
- ▶ Lack of knowledge of agile methods in general within the organization.

Collaborative work  
with Scrum

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The origins of the  
Scrum approach

What are the  
terminologies of  
the Scrum  
approach ?

How to use the  
Scrum ?

What are the tools  
for scrum ?

When to use the  
Scrum ?

What are the  
advantages of the  
Scrum approach ?

What are the  
disadvantages of  
the Scrum  
approach ?

# End

Thanks for your attention !

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with Scrum

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The origins of the  
Scrum approach

What are the  
terminologies of  
the Scrum  
approach ?

How to use the  
Scrum ?

What are the tools  
for scrum ?

When to use the  
Scrum ?

What are the  
advantages of the  
Scrum approach ?

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disadvantages of  
the Scrum  
approach ?**

# End

## Questions or Suggestions ?

Collaborative work  
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The origins of the  
Scrum approach

What are the  
terminologies of  
the Scrum  
approach ?

How to use the  
Scrum ?

What are the tools  
for scrum ?

When to use the  
Scrum ?

What are the  
advantages of the  
Scrum approach ?

What are the  
disadvantages of  
the Scrum  
approach ?