

MAEL CARDIET



GUILHEM BAVRE

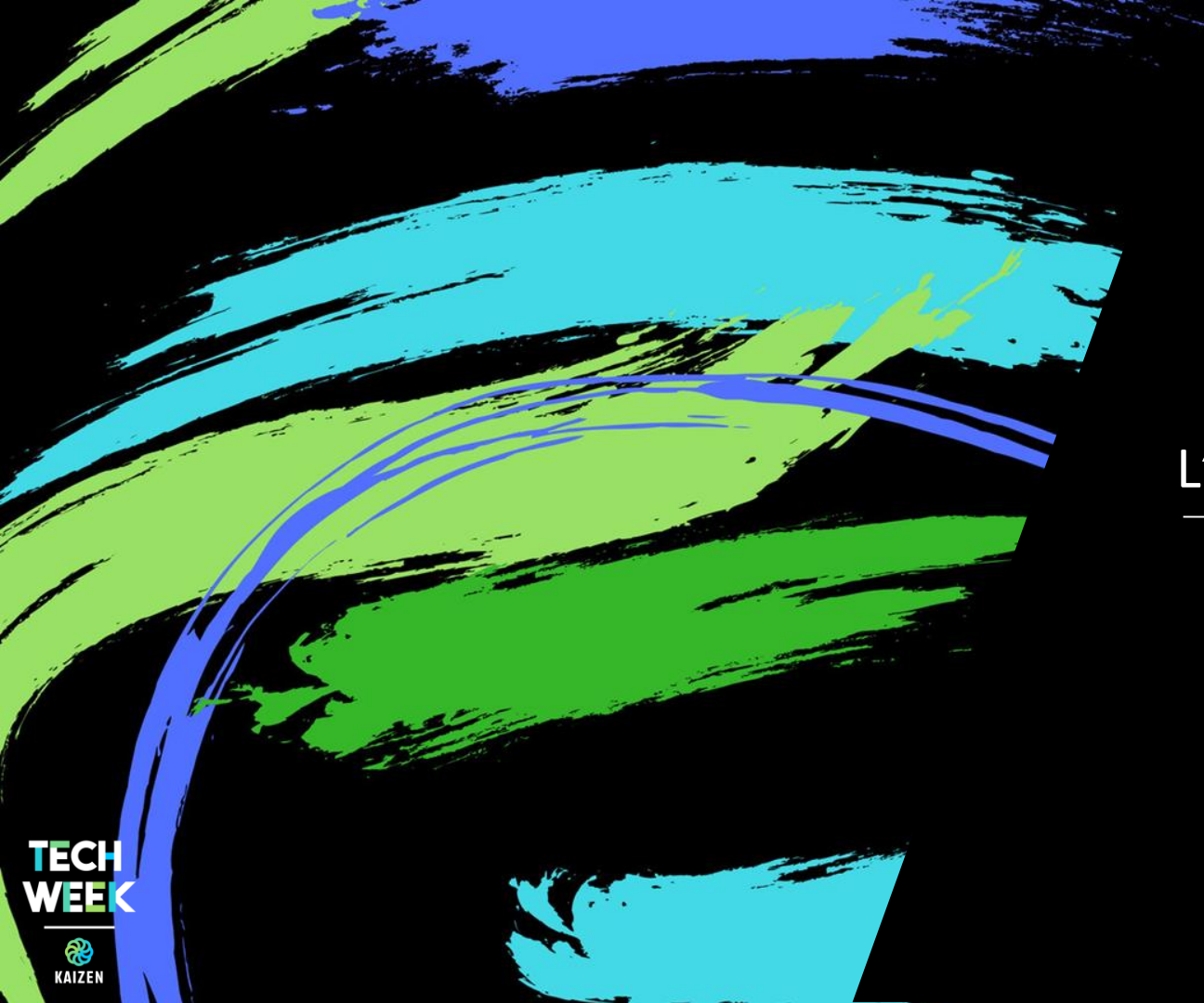


DU MODÈLE AU LANCEMENT, L'INGÉNIERIE SYSTÈME MODEL-BASED COMME MOYEN DE FAIRE DÉCOLLER VOS PROJETS ?

**TECH
WEEK**



KAIZEN

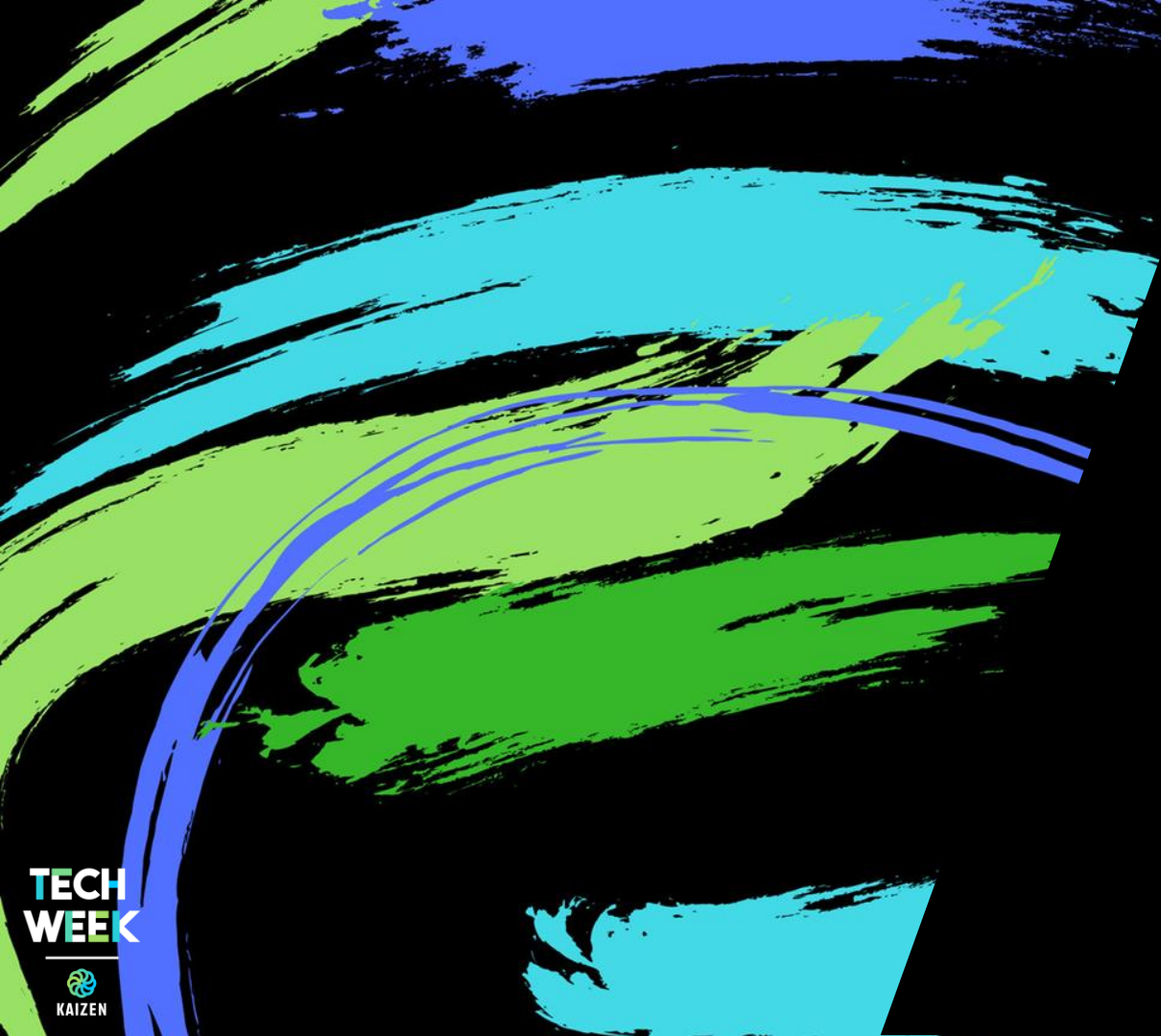


L'ingénierie Système

TECH
WEEK



KAIZEN



L'ingénierie Système



TECH
WEEK



KAIZEN

C'est le système !!



Système ?

TECH
WEEK



KAIZEN

C'est le système !!



Système scolaire

Système ?

TECH
WEEK



KAIZEN

Système ?



C'est le système !!



Système scolaire



Système nerveux

TECH
WEEK



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Système ?



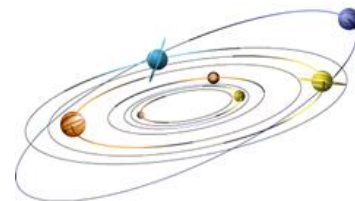
C'est le système !!



Système scolaire



Système nerveux



Système solaire

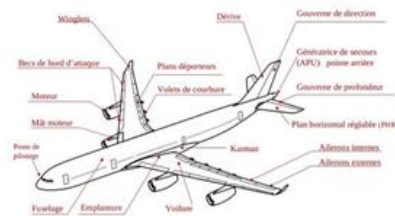
C'est le système !!



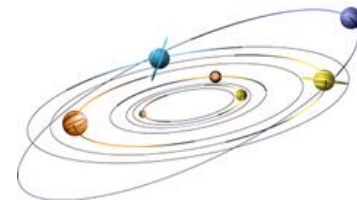
Système scolaire



Système nerveux



Système complexe



Système solaire

Système ?

Système ?



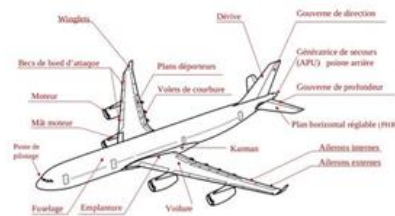
C'est le système !!



Système scolaire



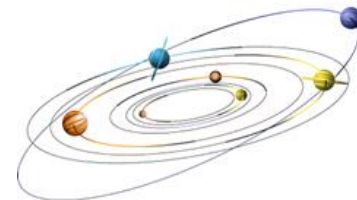
Système nerveux



Système complexe



Systèmes d'exploitation



Système solaire

C'est le système !!

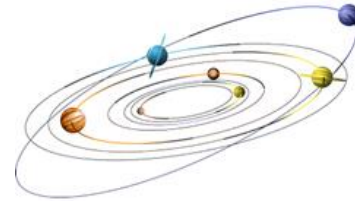


Système scolaire

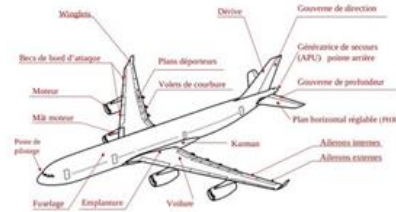
SYSTEMES SOCIAUX-TECHNIQUES



Système nerveux



Système solaire



Système complexe



Système d'information



Systèmes d'exploitation

Système ?

TECH
WEEK



Système ?

C'est le système !!

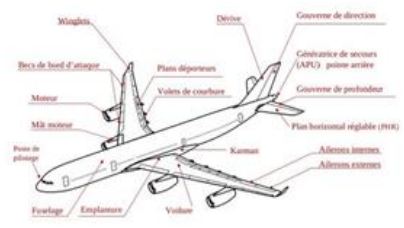


Système scolaire

SYSTEMES SOCIAUX-TECHNIQUES



Système d'information



Système complexe

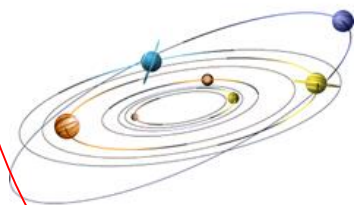


Systèmes d'exploitation



Système nerveux

SYSTEMES NATURELS



Système solaire

Système ?

C'est le système !!



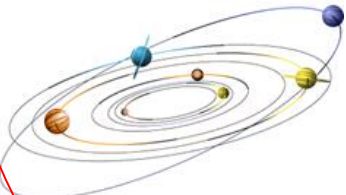
Système scolaire

SYSTEMES SOCIAUX-TECHNIQUES



Système nerveux

SYSTEMES NATURELS



Système solaire



Système d'information

SYSTEMES TECHNIQUES



Système complexe



Systemes d'exploitation

Système !



Système !



(Robot chirurgien Da Vinci © Intuitive Surgical)

Système !



(Robot chirurgien Da Vinci © Intuitive Surgical)



TECH
WEEK



Comment
Faire ?



Comment
Faire ?

Experience

Straight Ahead



TECH
WEEK

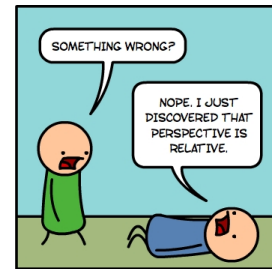


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Comment
Faire ?



Comment Faire ?



Comment Faire ?



Comment Faire ?



Comment Faire ?





Le Model Based System Engineering

MBSE

TECH
WEEK



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Historique



Historique

**TECH
WEEK**





Historique

**TECH
WEEK**



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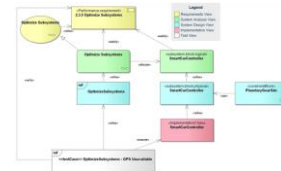
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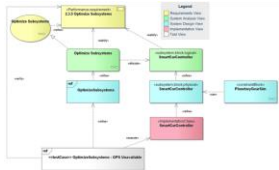
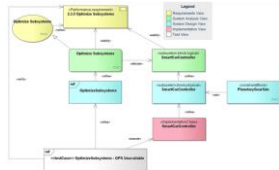
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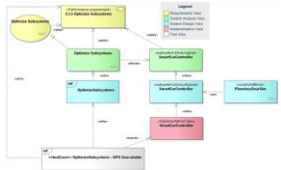
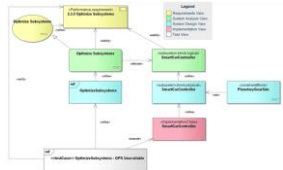
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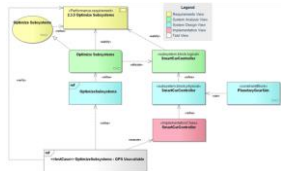
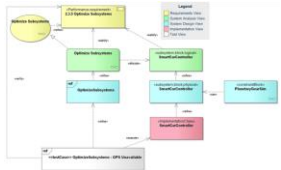
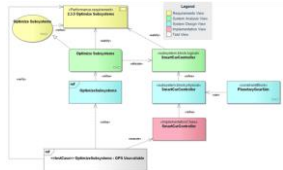
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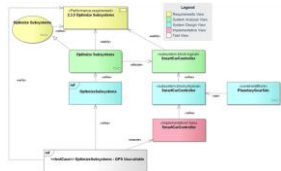
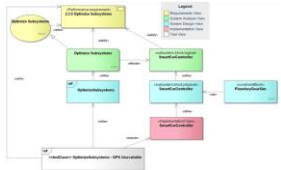
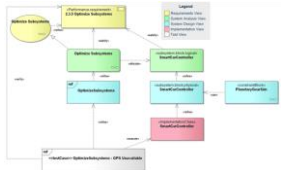
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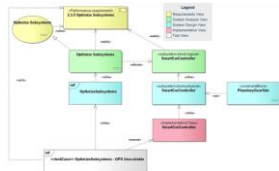
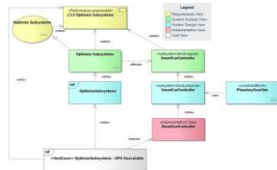
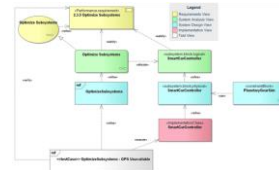
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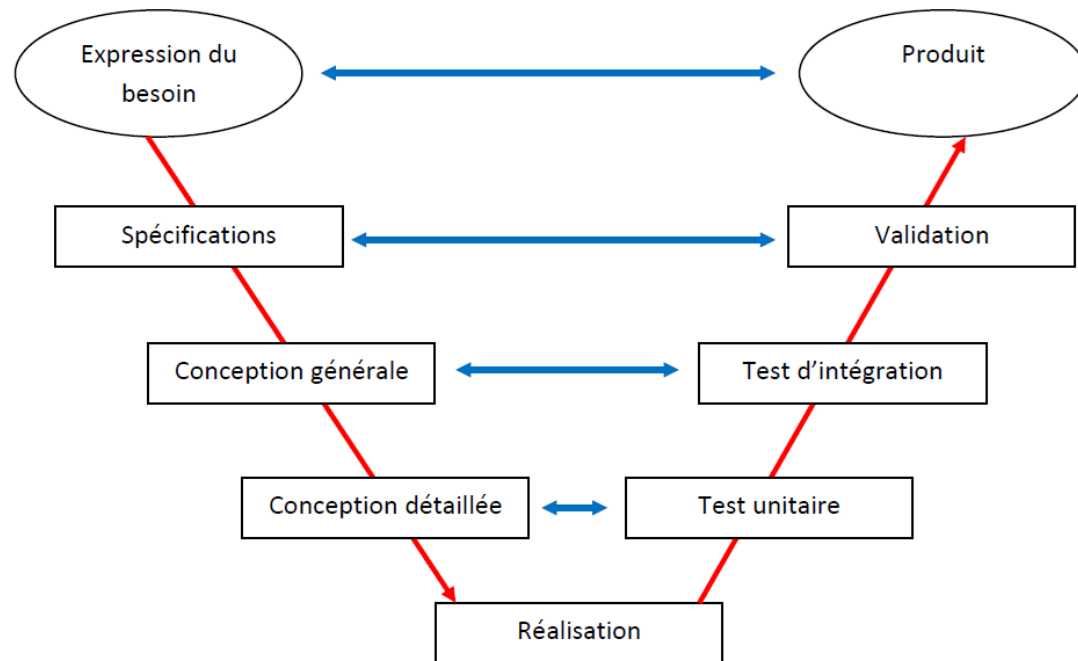
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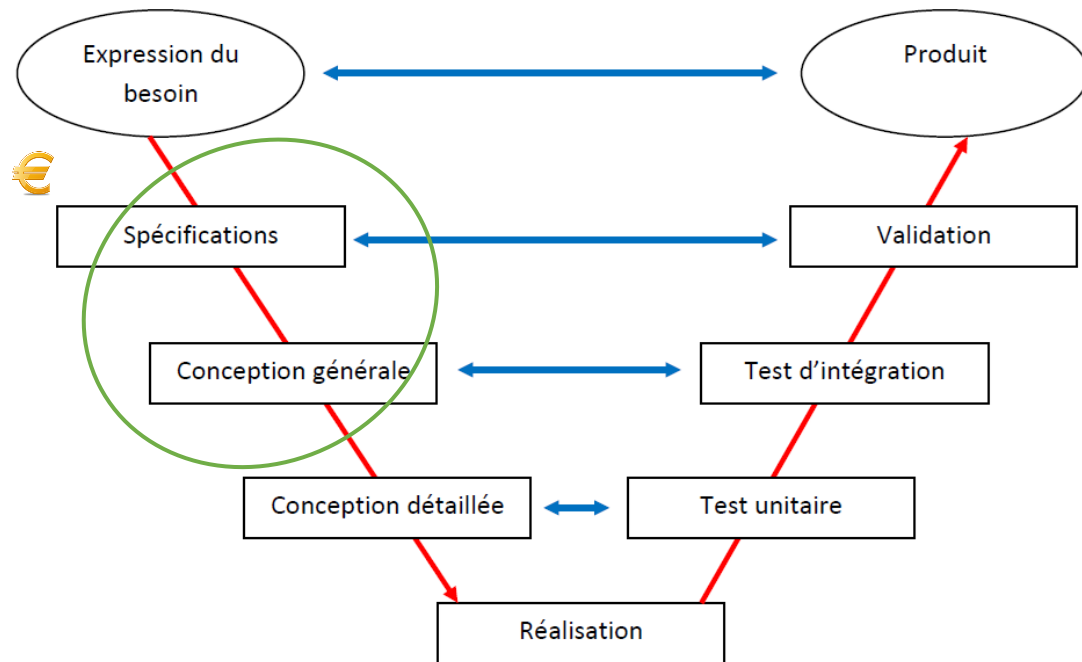
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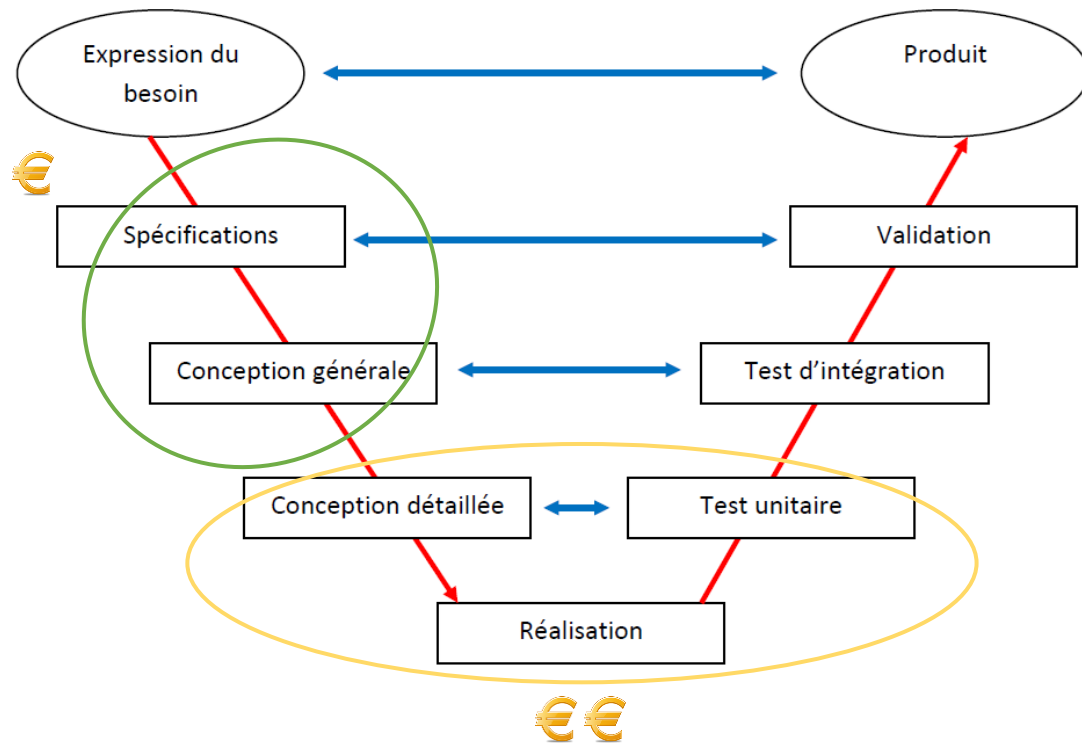
Principe



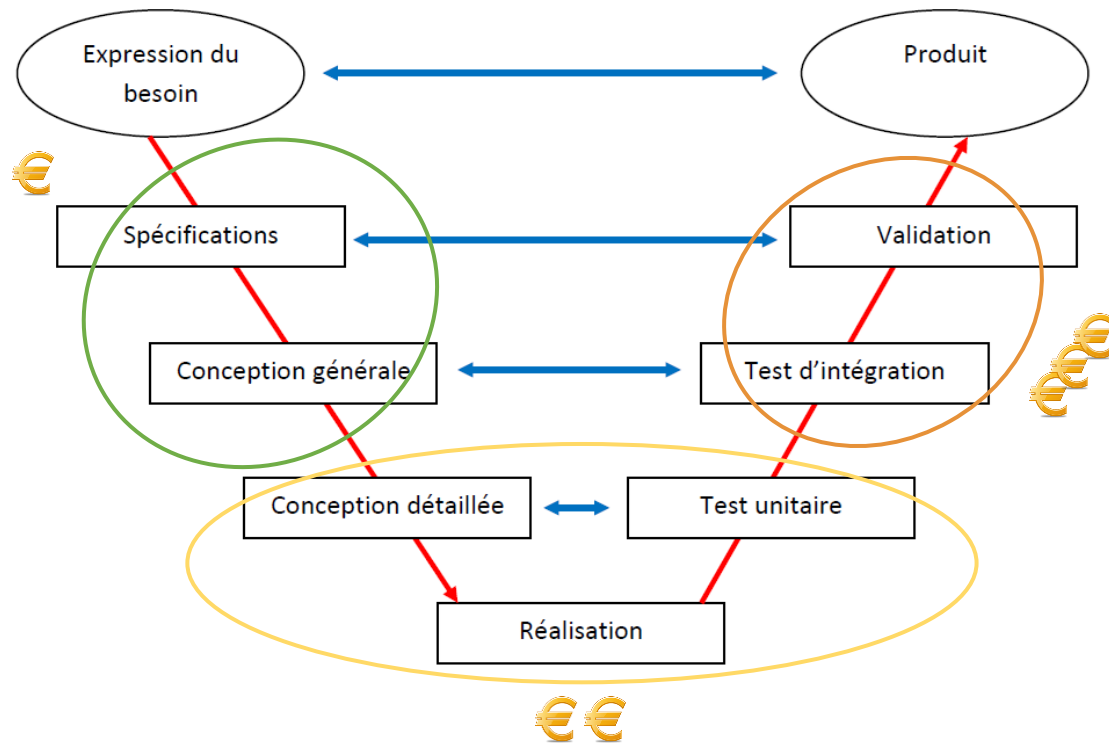
Principe



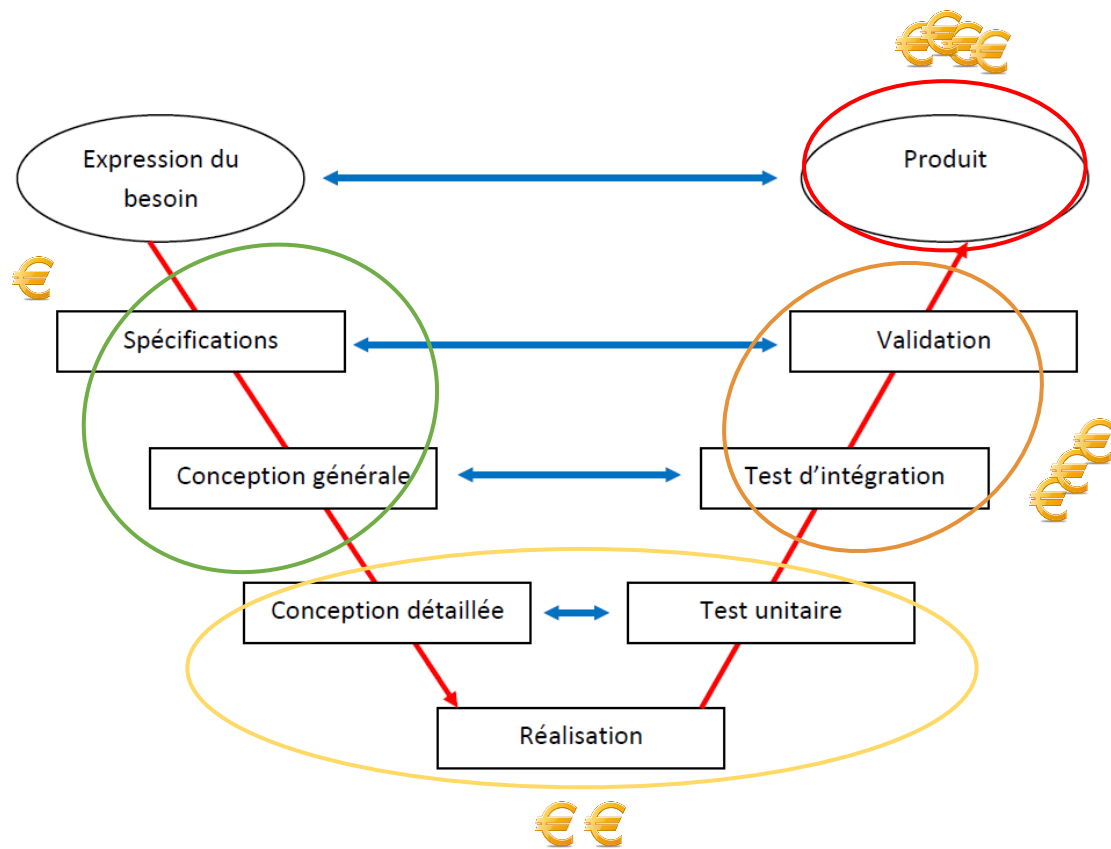
Principe



Principe



Principe



KaizenSpace™



Q-bit.tumblr.com

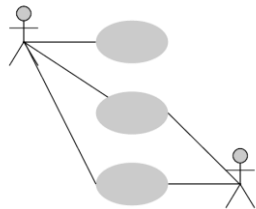
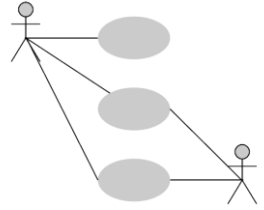


Diagramme d'usage





Pilote

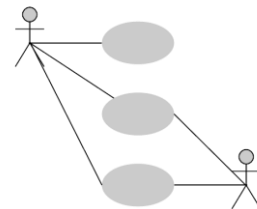


Diagramme d'usage

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Diagramme d'usage



Pilote

Centre de contrôle

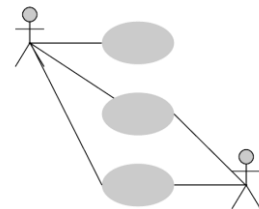
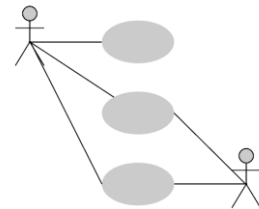


Diagramme d'usage



Pilote



Centre de contrôle

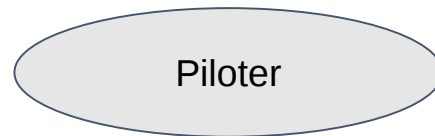


Maintenance

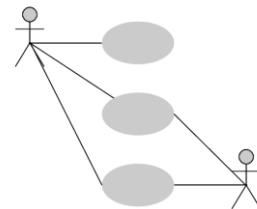
Diagramme d'usage



Pilote



Pilote



Centre de contrôle

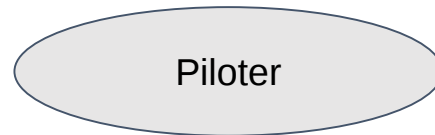


Maintenance

Diagramme d'usage



Pilote



Piloter



Réparer

Centre de contrôle



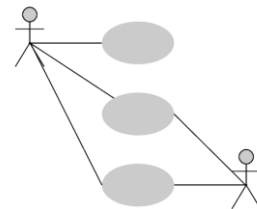
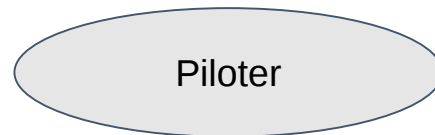
Maintenance

Diagramme d'usage



Pilote

Centre de contrôle



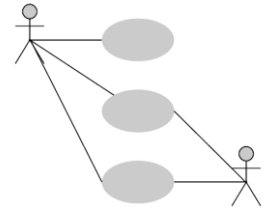
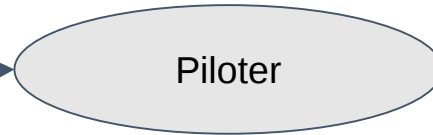
Maintenance

Diagramme d'usage



Pilote

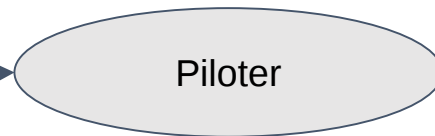
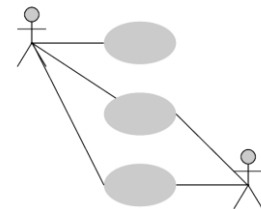
Centre de contrôle



Maintenance



Pilote



Maintenance

Centre de contrôle

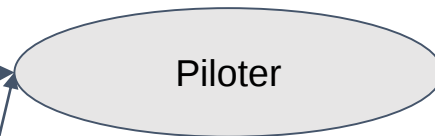


Diagramme d'usage



Pilote

Centre de contrôle



Maintenance

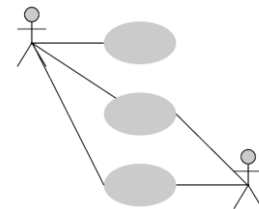


Diagramme d'usage

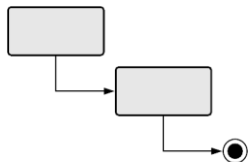
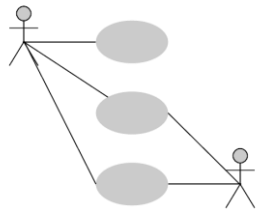


Diagramme d'état

Fusée au sol sur Terre

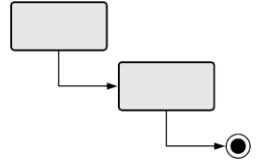


Diagramme d'état

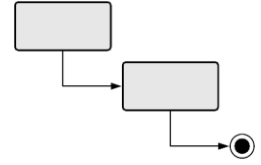
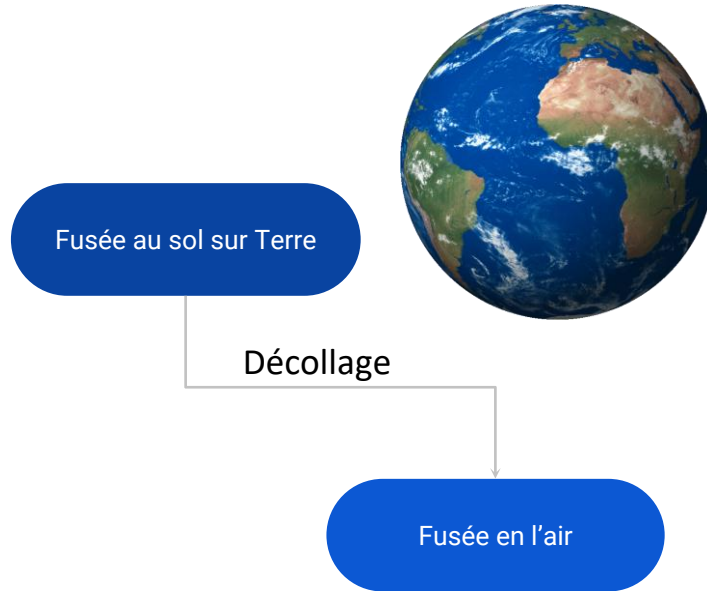
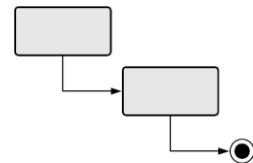
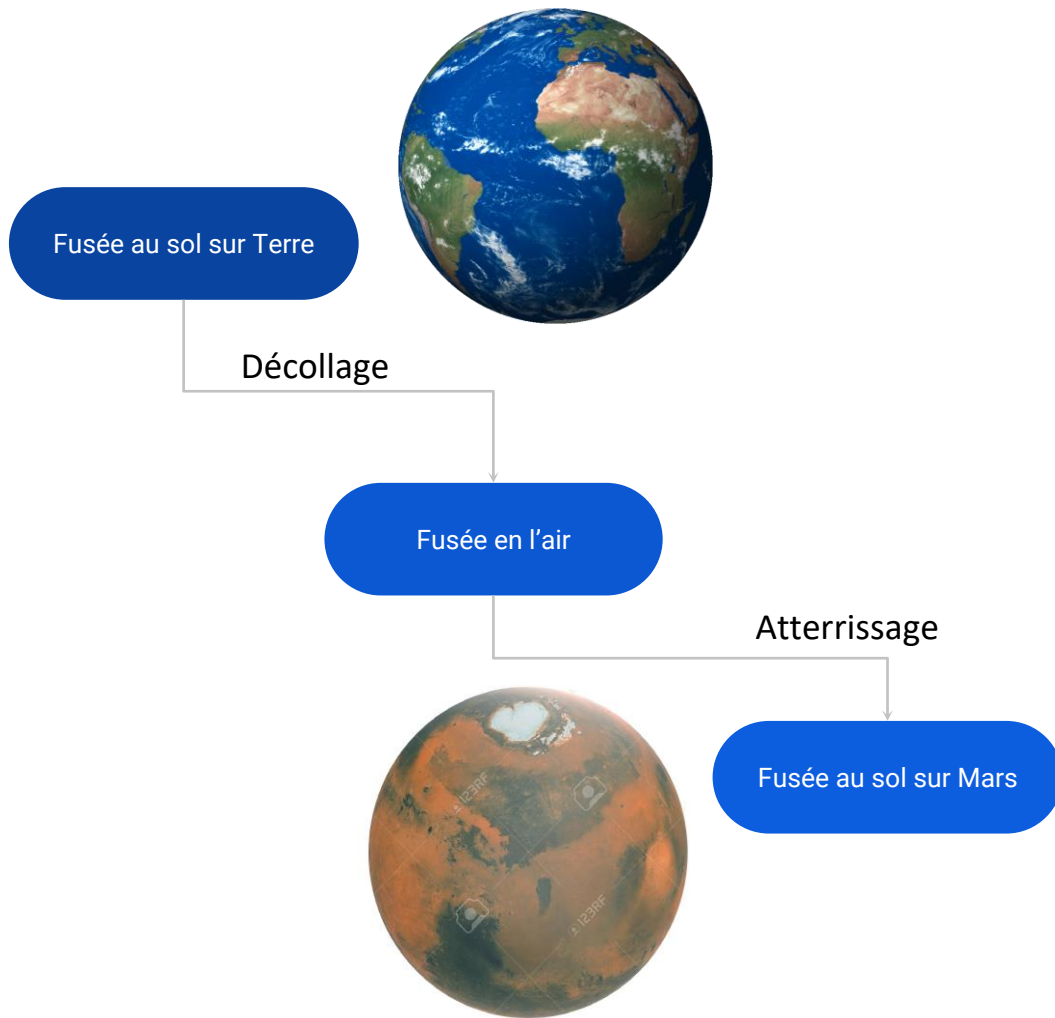


Diagramme d'état



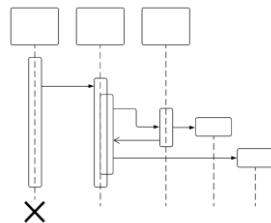
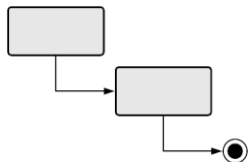
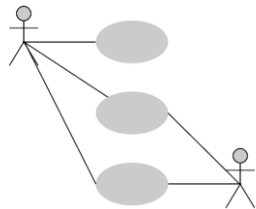


Diagramme de séquence

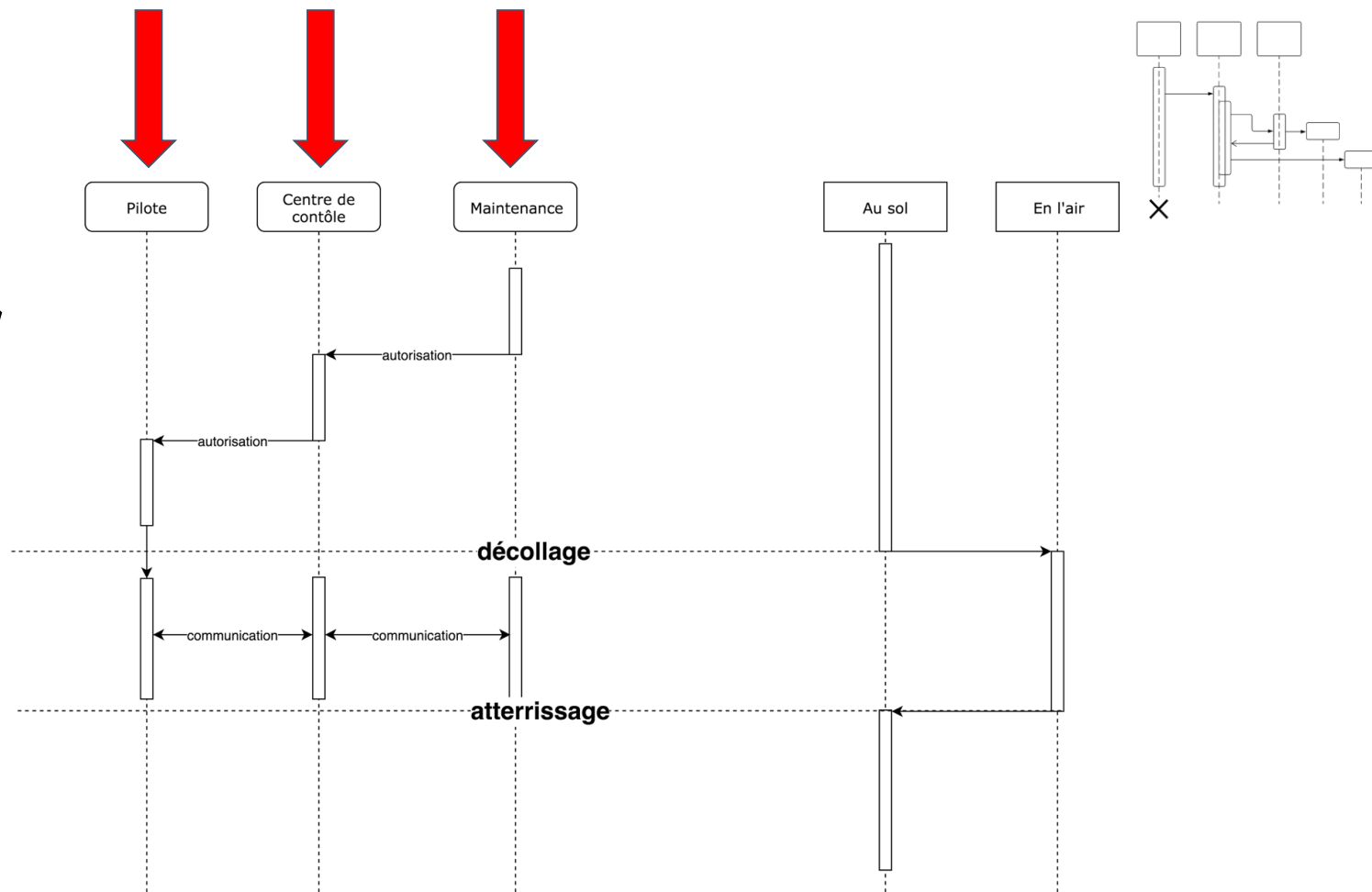


Diagramme de séquence

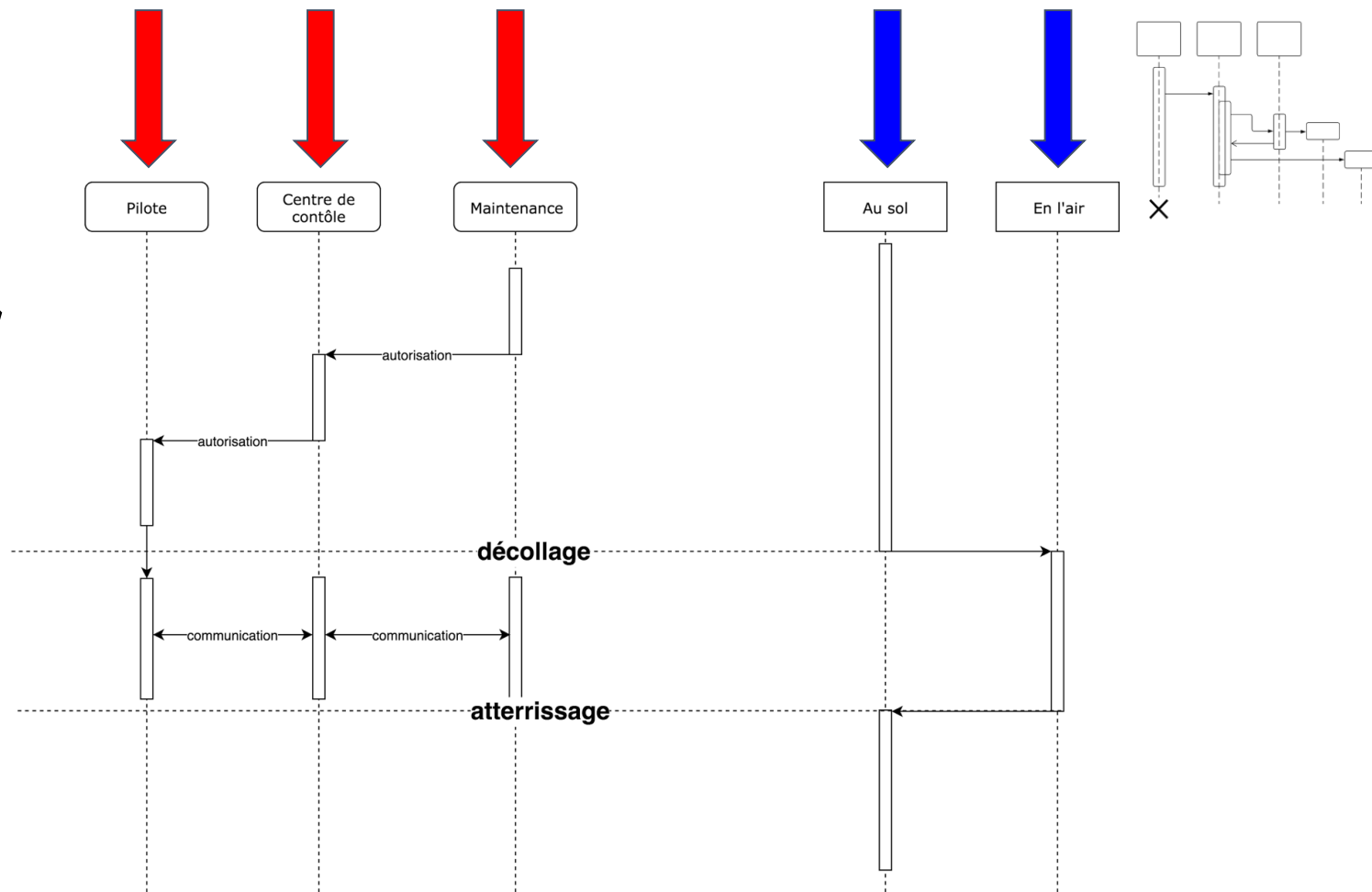


Diagramme de séquence

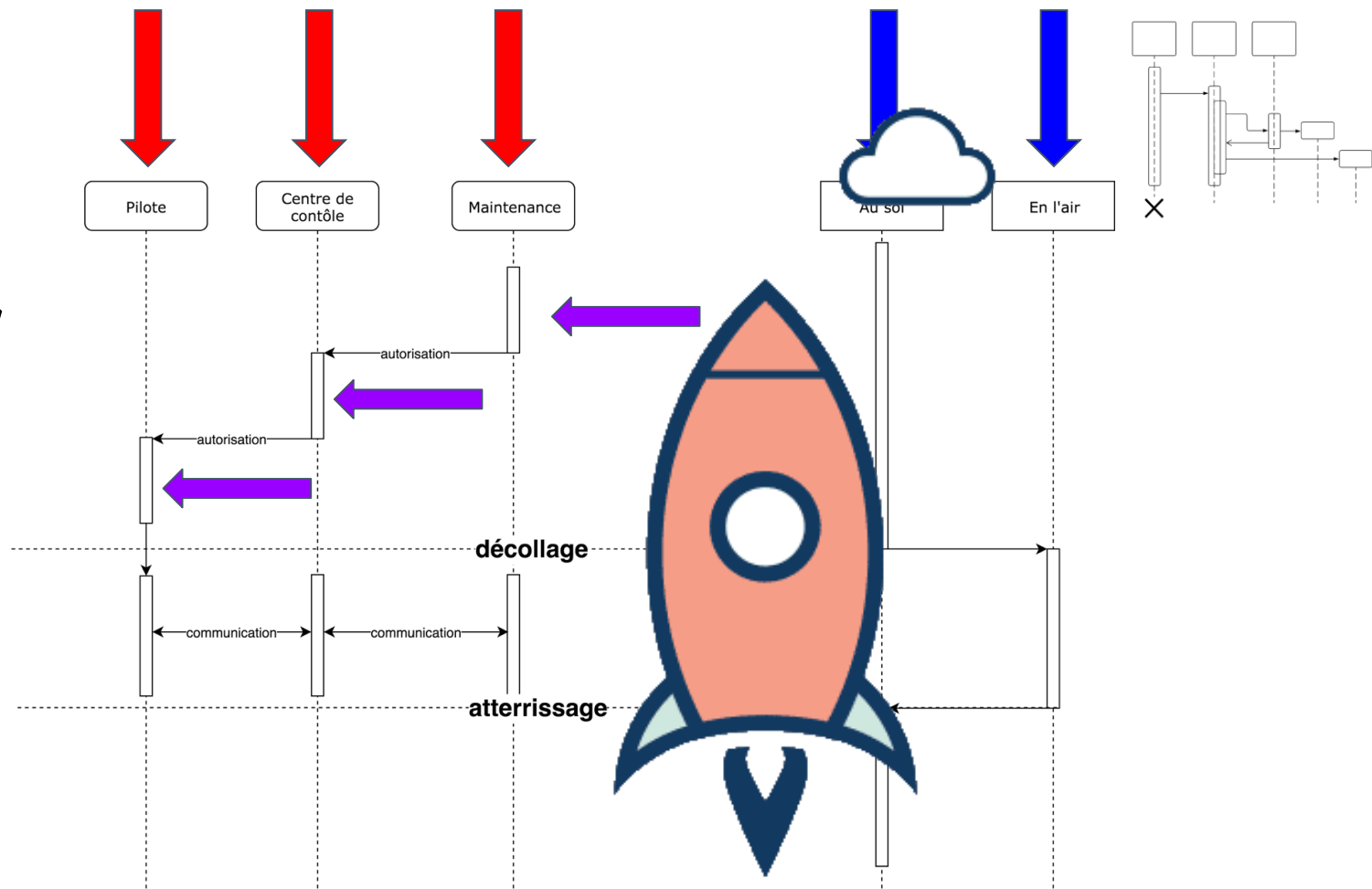


Diagramme de séquence

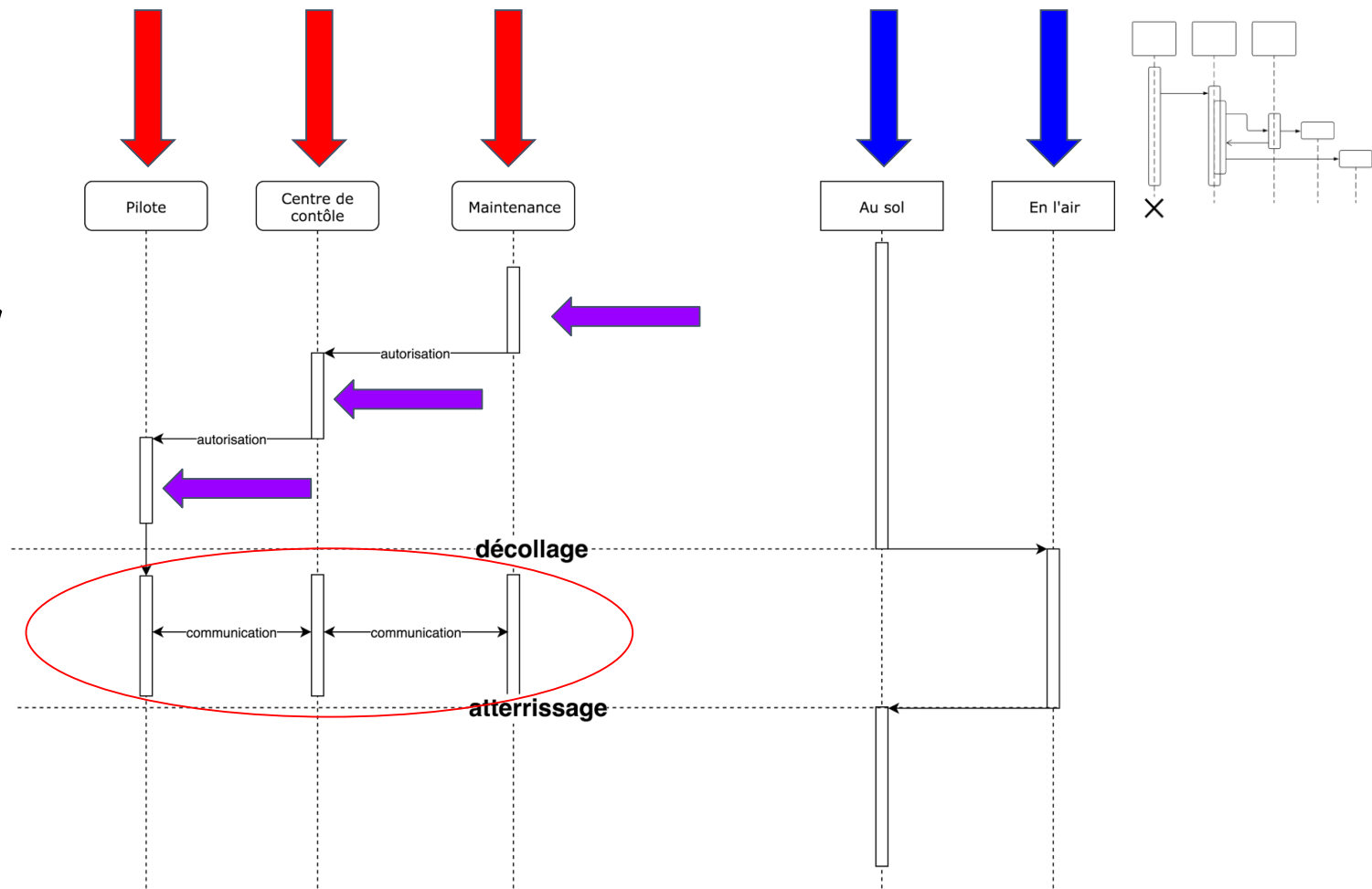
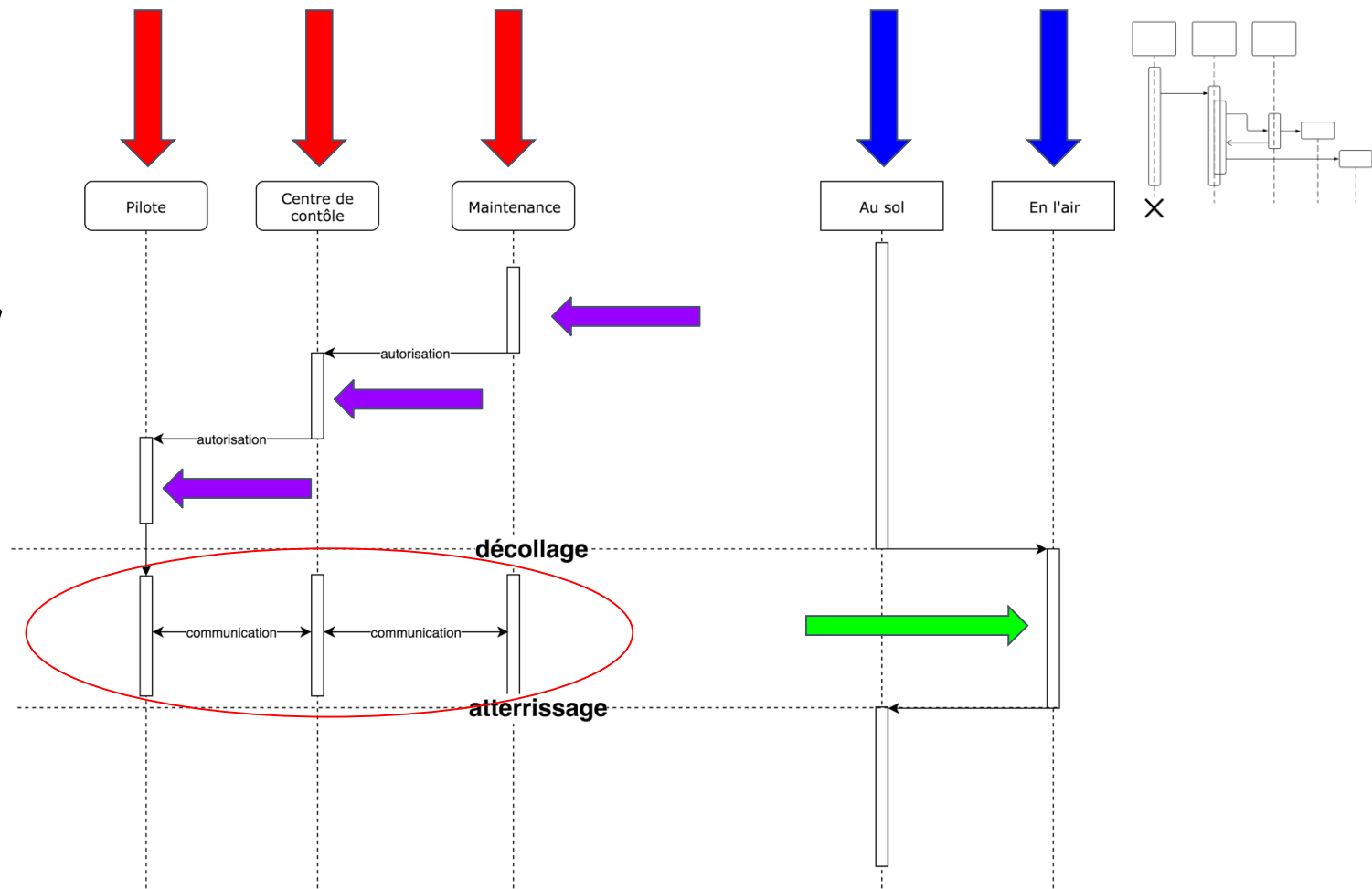
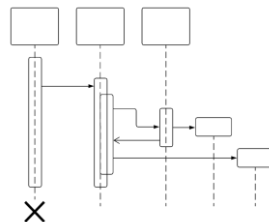
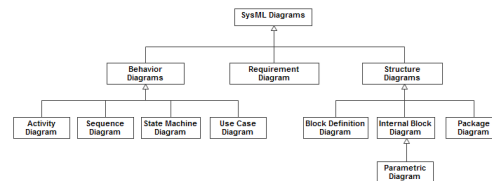
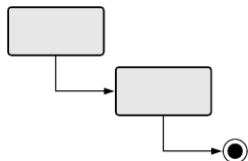
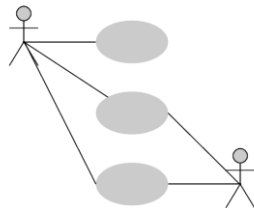
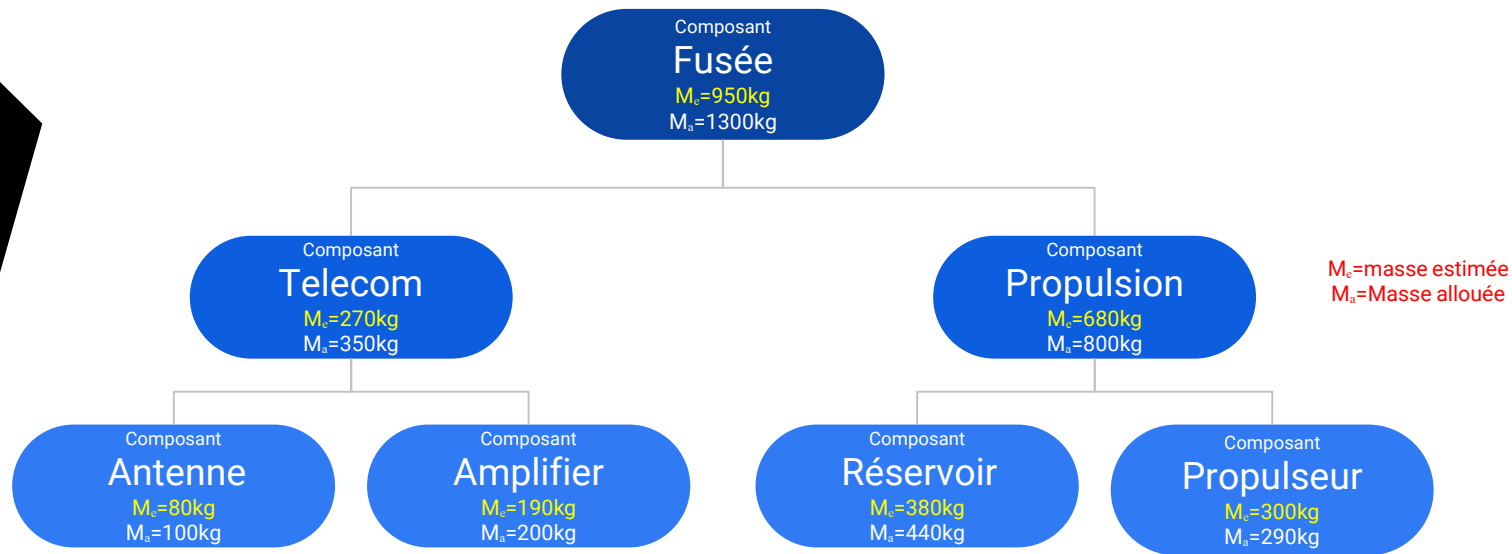
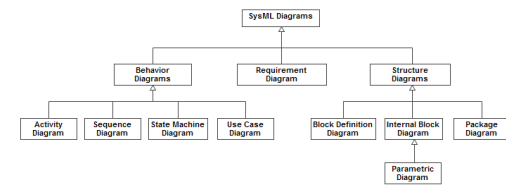


Diagramme de séquence

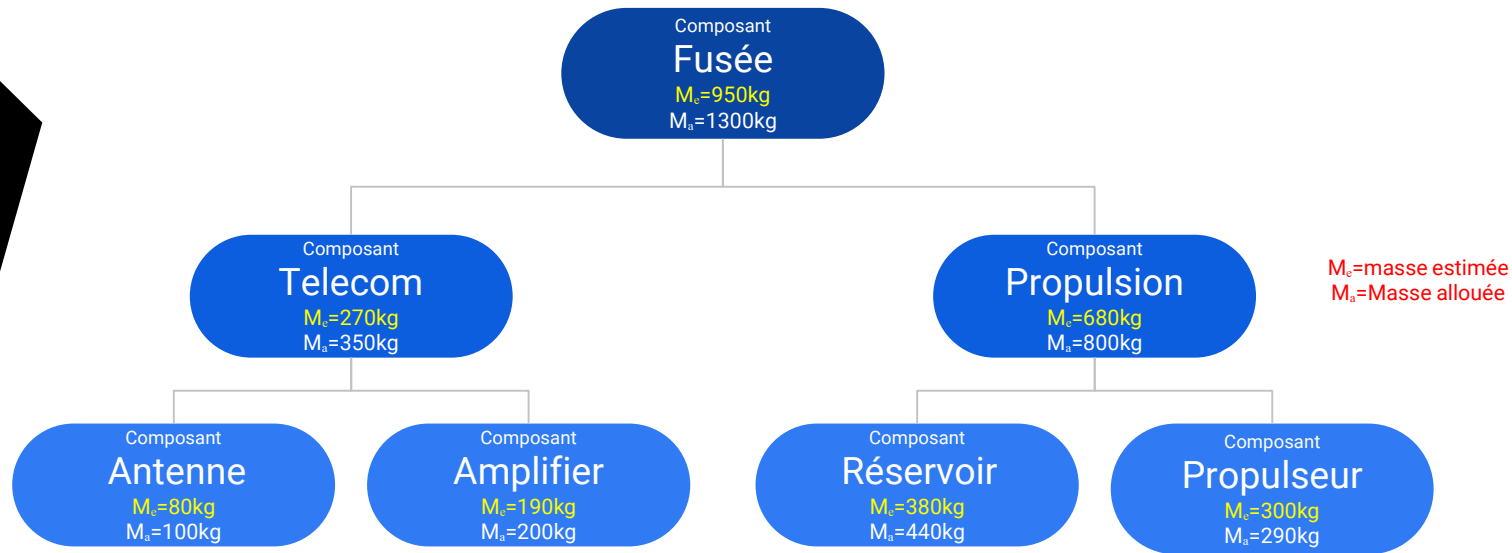
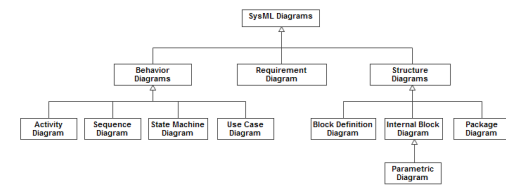




Décomposition Organique

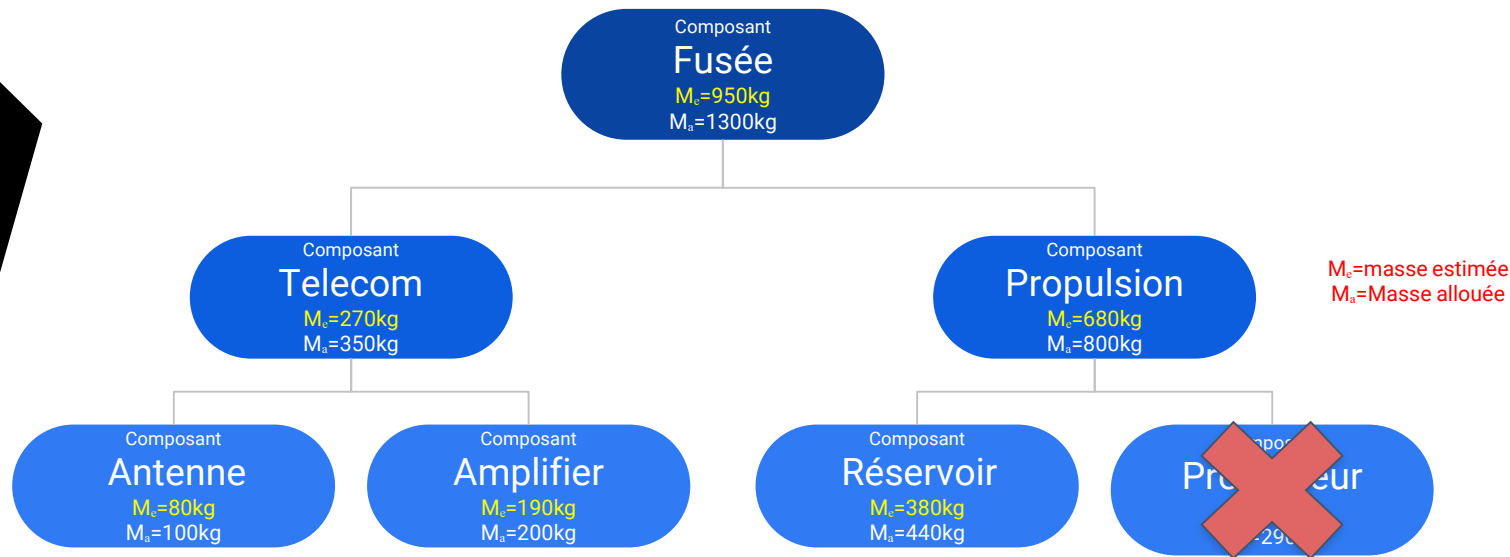
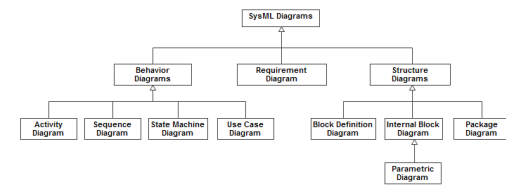


Décomposition Organique



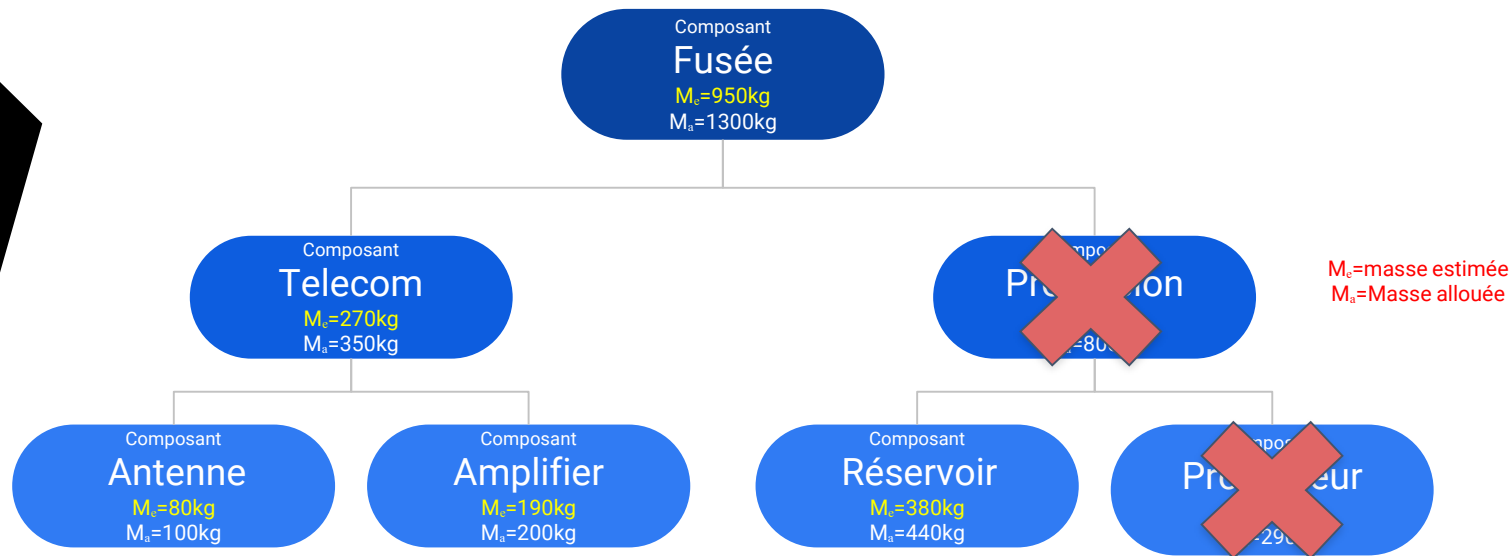
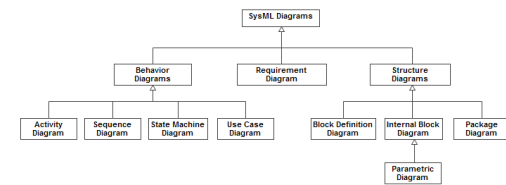
On veut $M_e < M_a$ pour chaque composant

Décomposition Organique



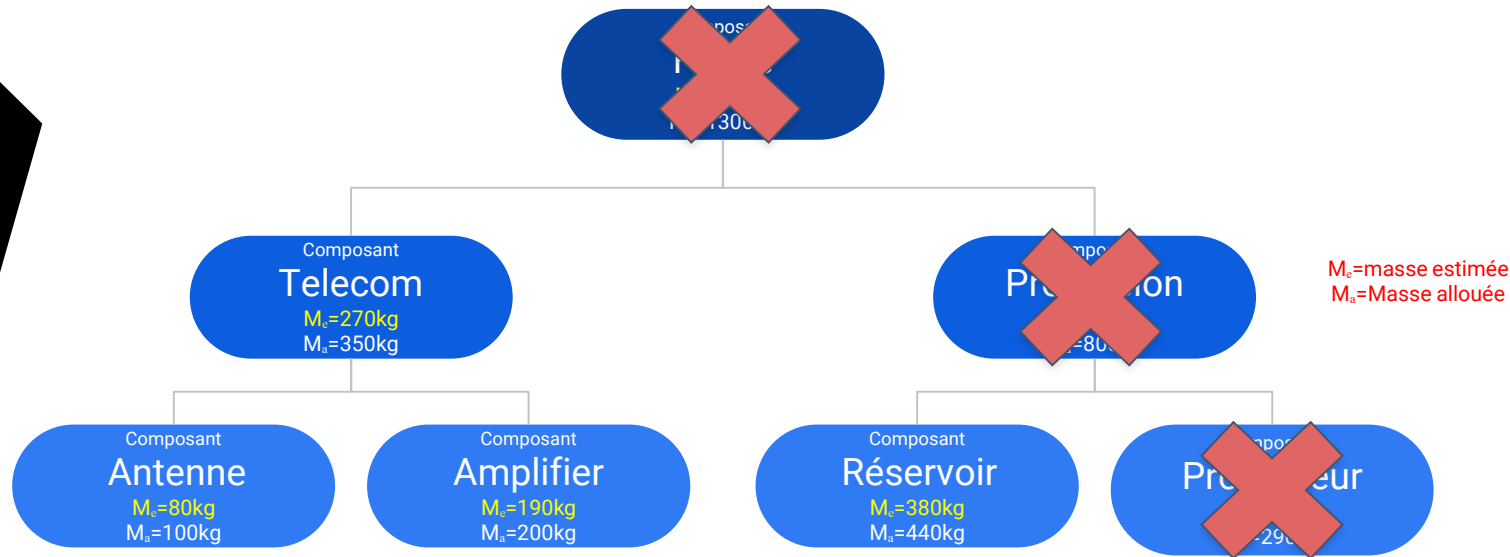
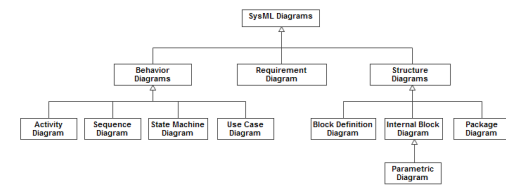
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Décomposition Organique



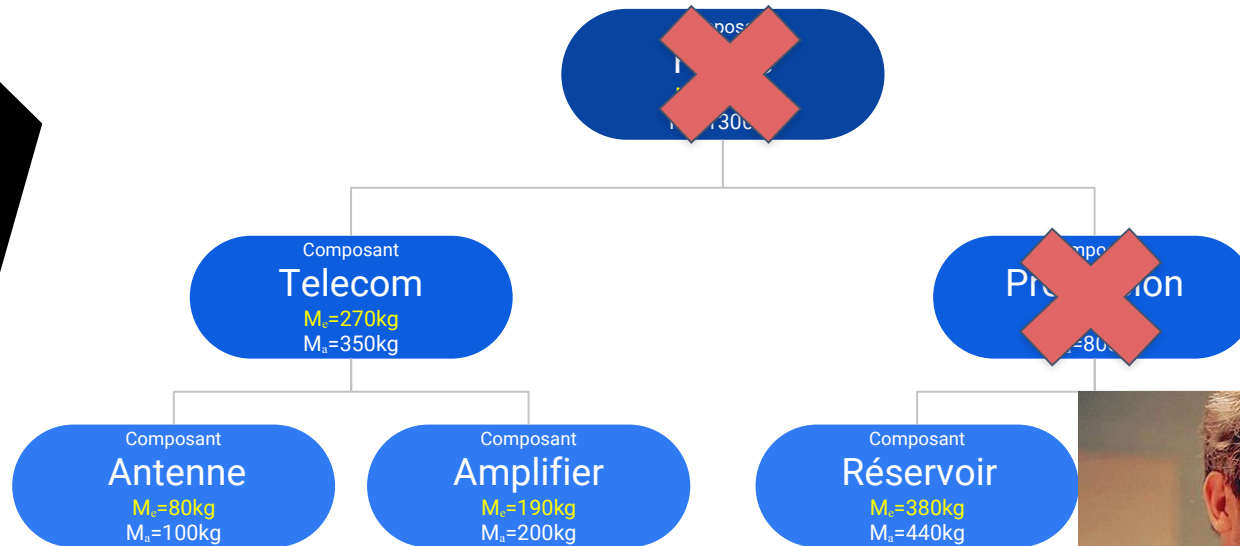
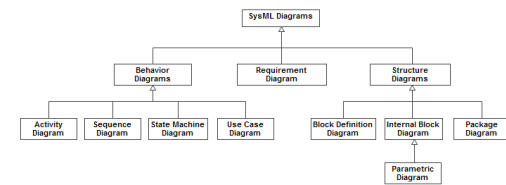
On veut $M_e < M_a$ pour chaque composant

Décomposition Organique



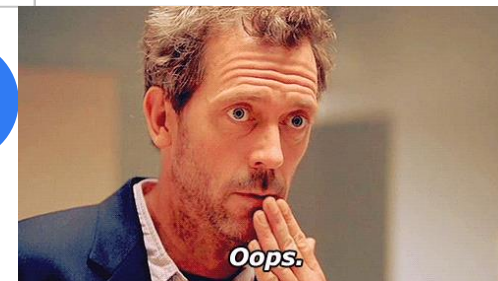
On veut $M_e < M_a$ pour chaque composant

Décomposition Organique



M_e =masse estimée
 M_a =Masse allouée

On veut $M_e < M_a$ pour chaque composant



Oops.

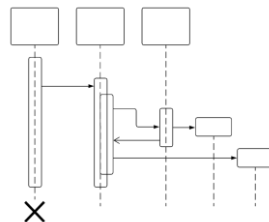
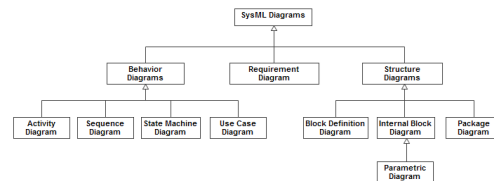
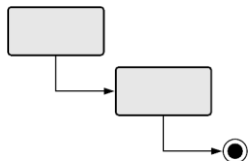
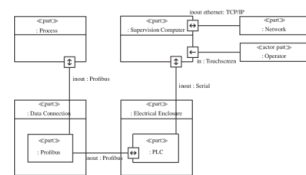
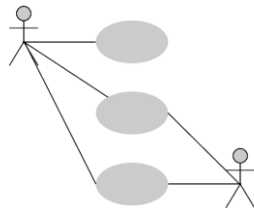


Diagramme exécutable

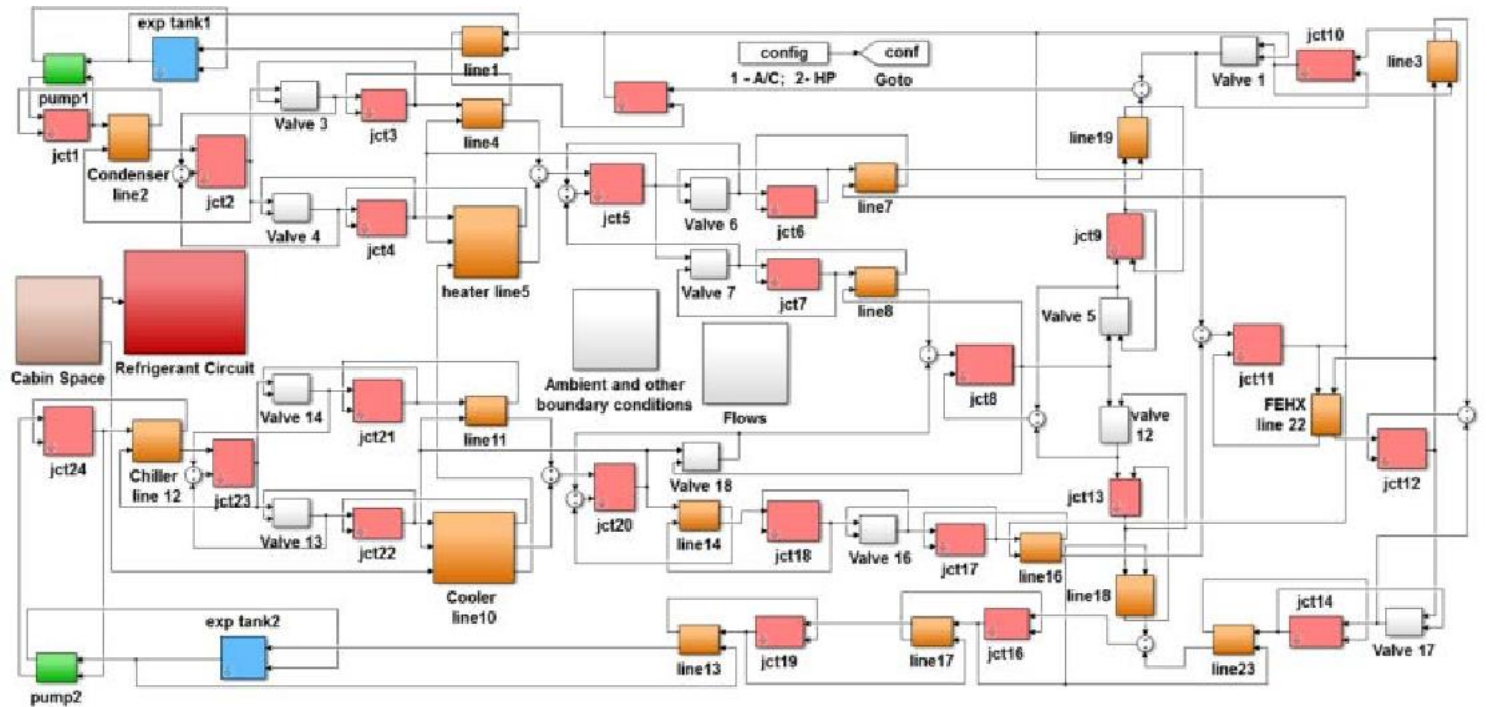


Diagramme exécutable

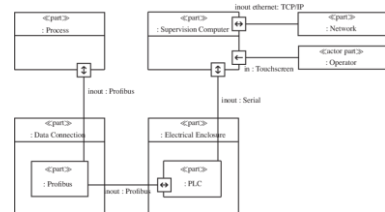
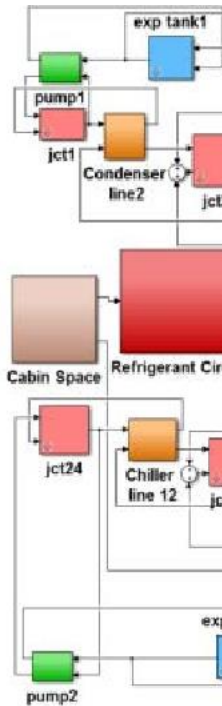


Diagramme d'état

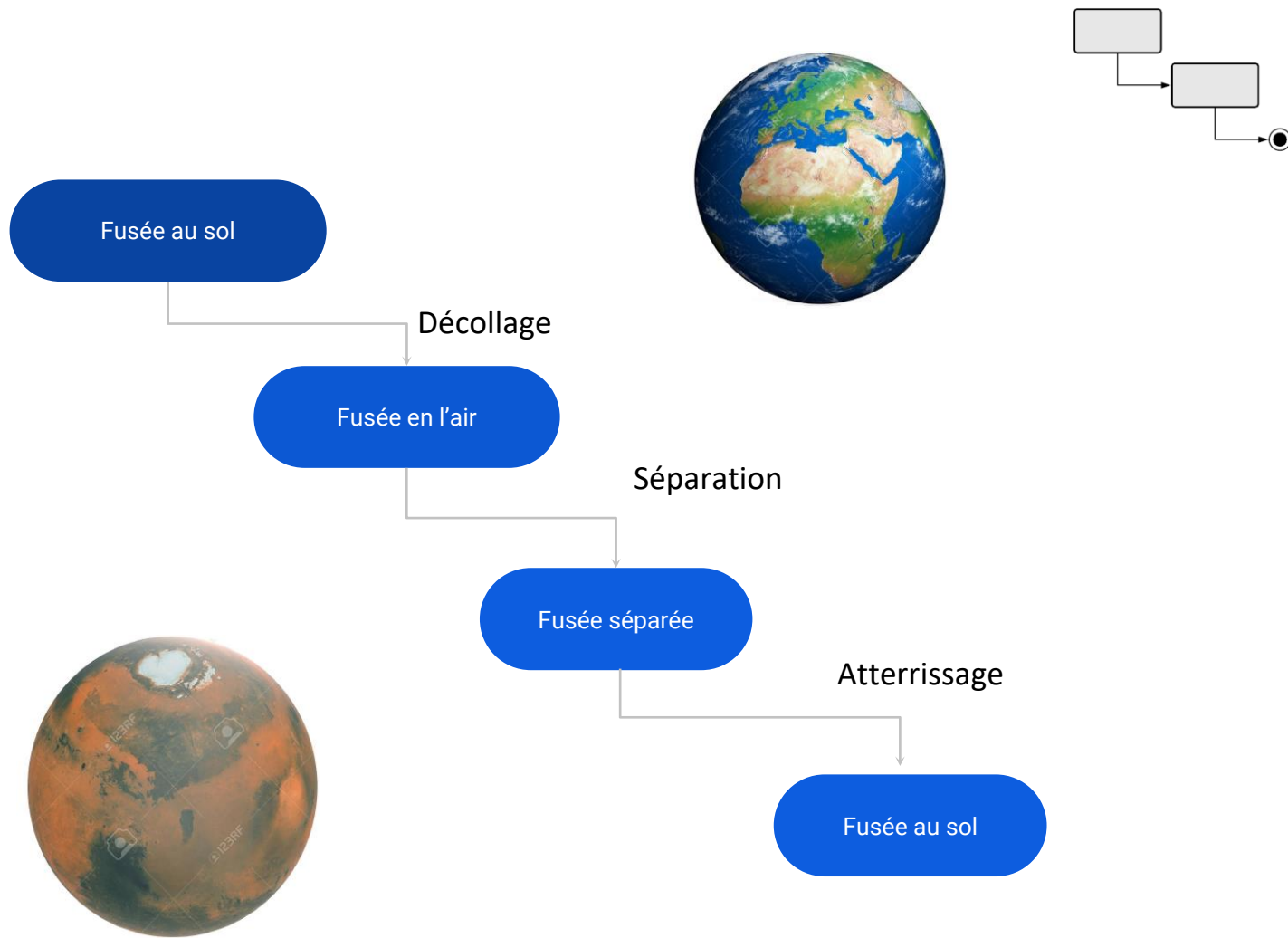


Diagramme d'état

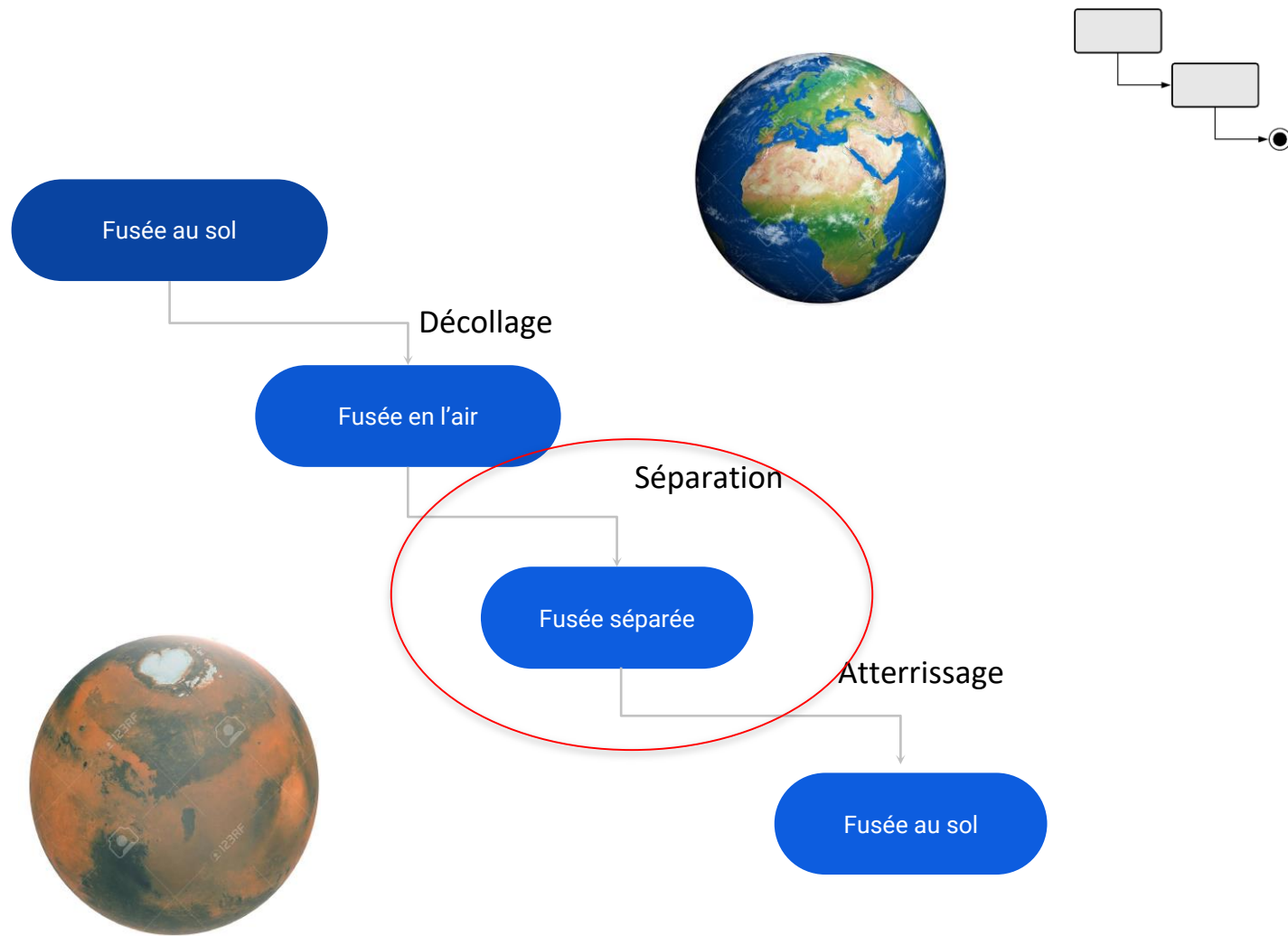


Diagramme De séquence

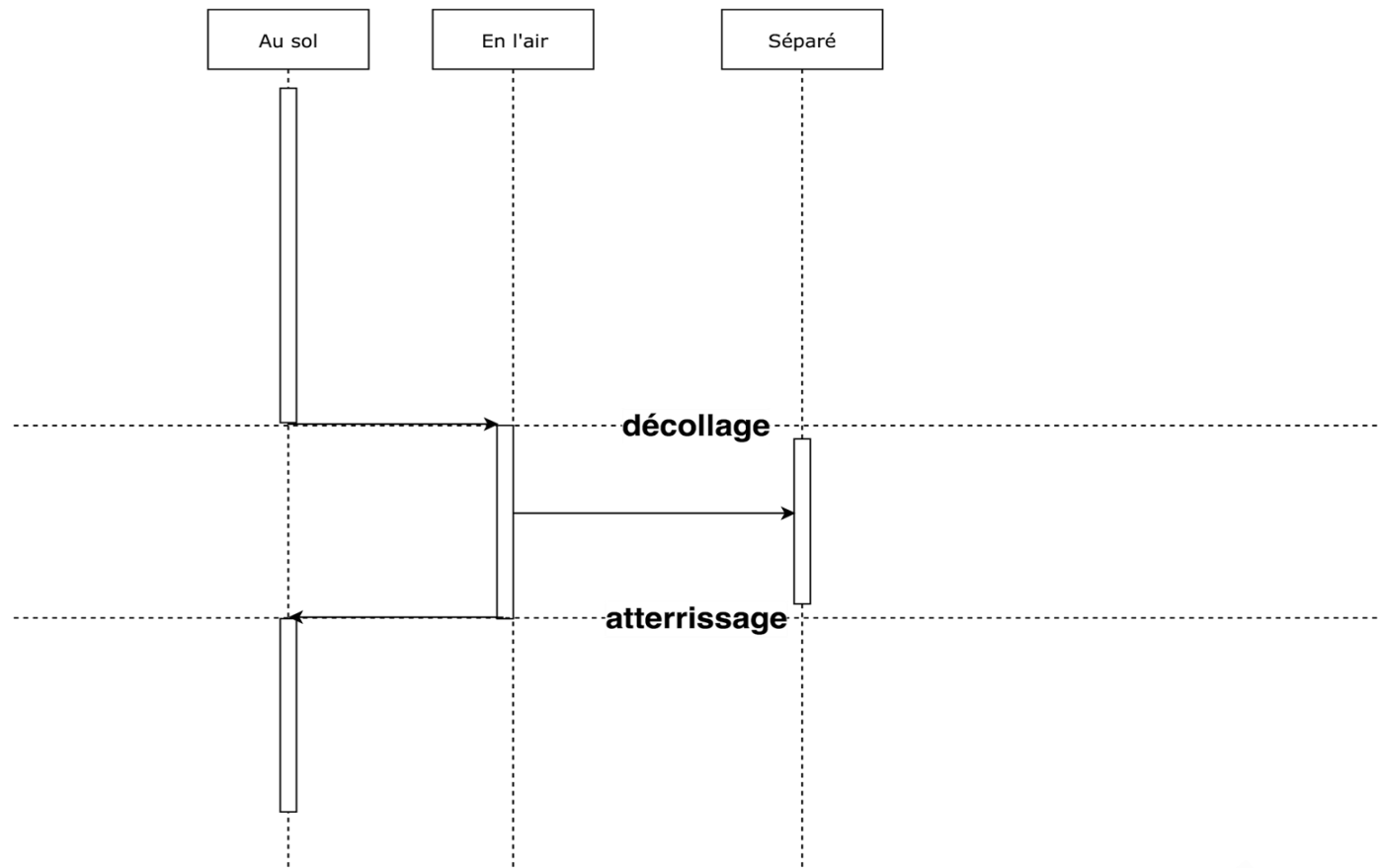


Diagramme De séquence

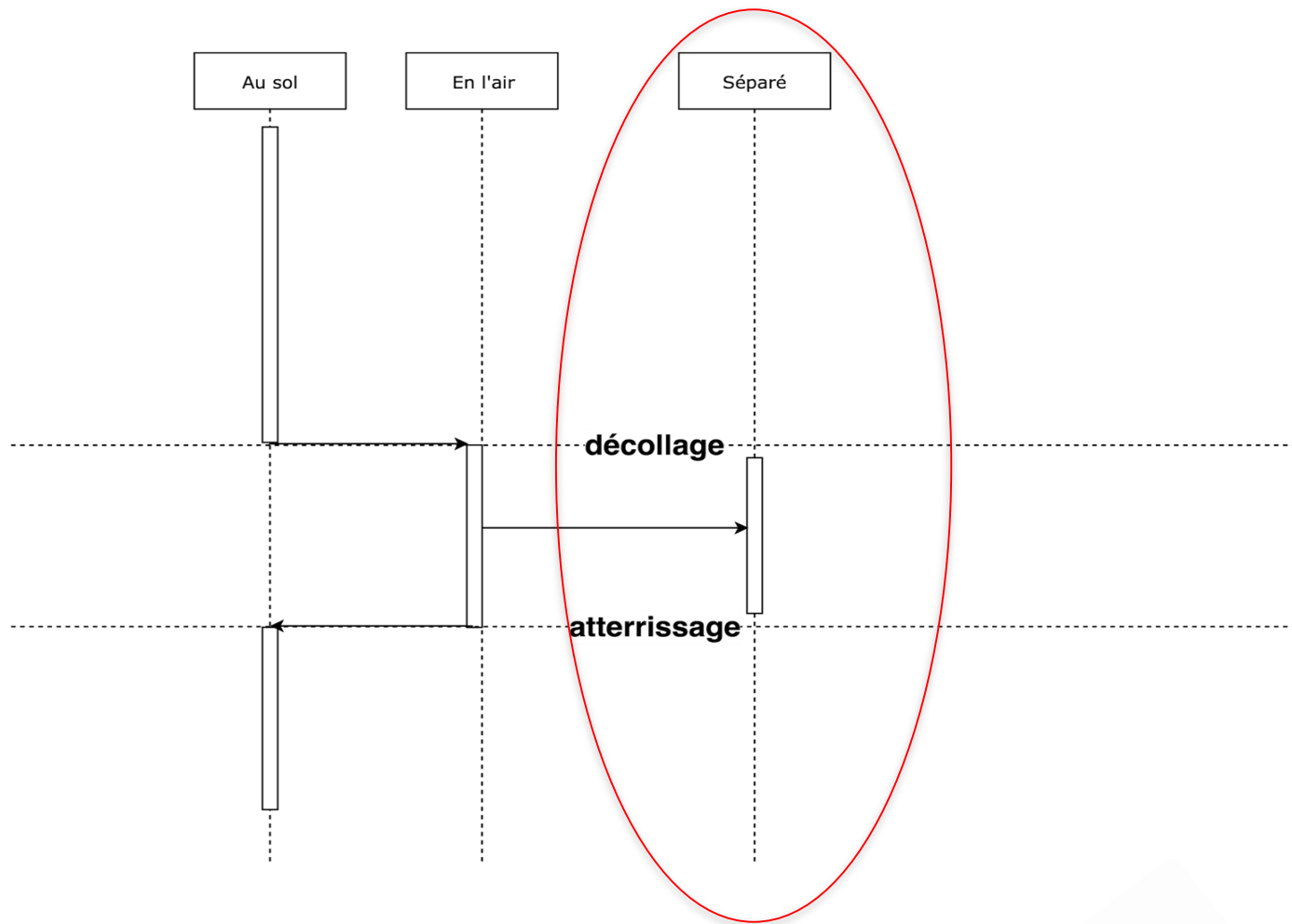
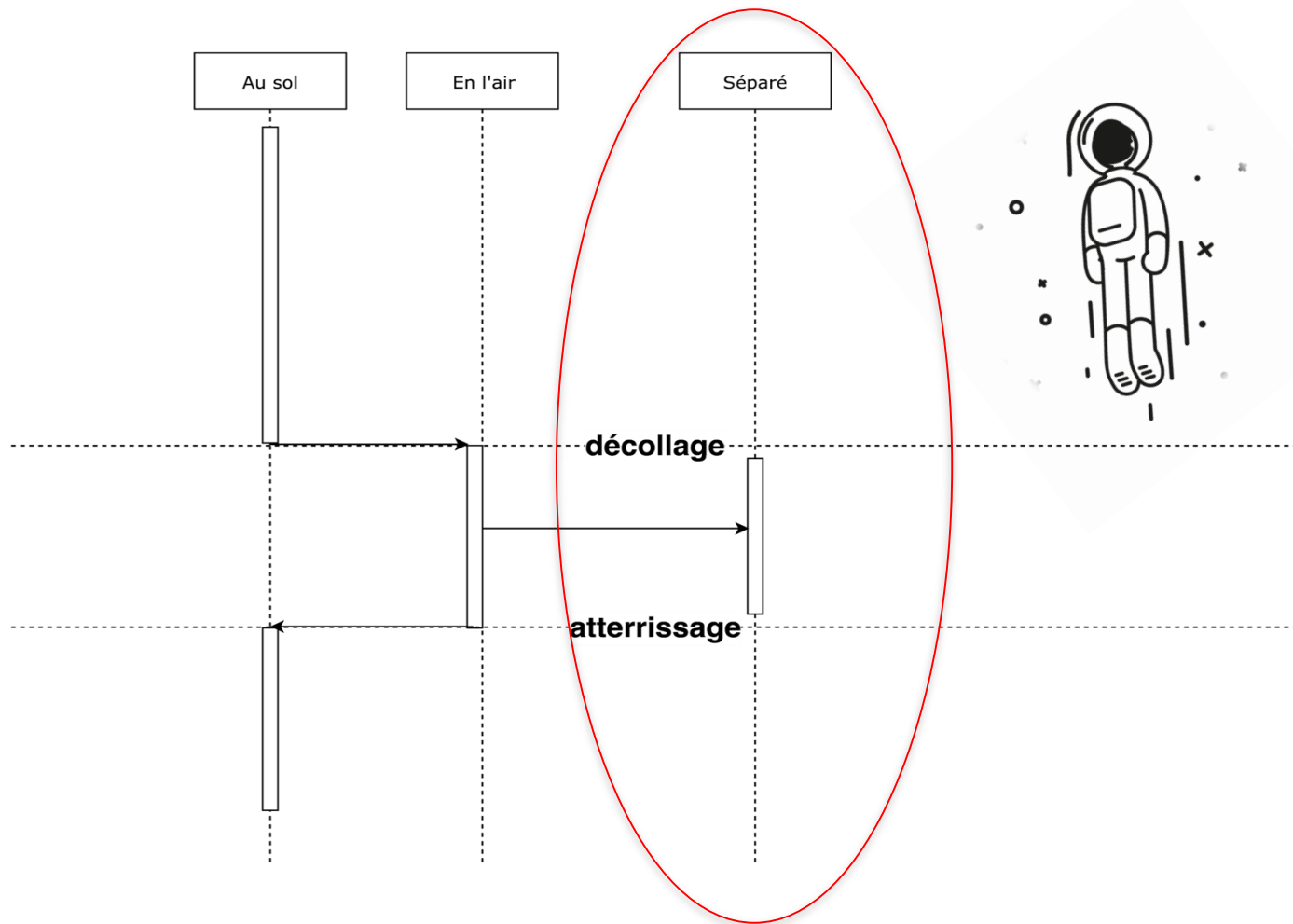


Diagramme De séquence



Merci !

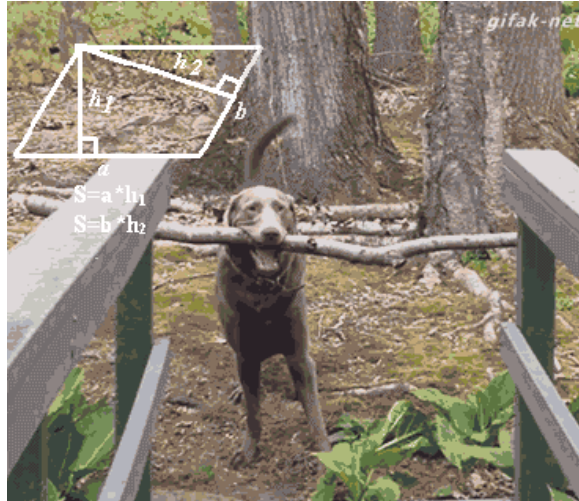
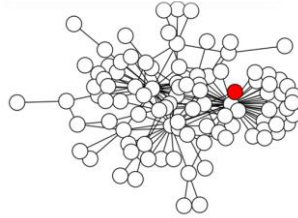


TECH
WEEK

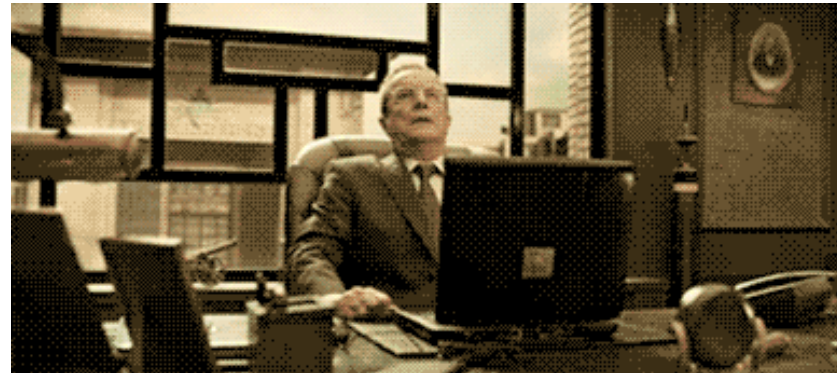


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Document-Based



Solution ?

Merci !

Des questions ?

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