# **Model**

*Package in package ''*

Model

Version Phase 1.0 Proposed

toshiba created on 22/03/2020. Last modified 22/03/2020

## **difusion**

*Package in package 'Model'*

difusion

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

### **difusion diagram**

*Requirements diagram in package 'difusion'*

difusion

Version 1.0

toshiba created on 21/03/2020. Last modified 21/03/2020



difusion

### **difusion diagram**

*Use Case diagram in package 'difusion'*

difusion

Version 1.0

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difusion

### **Boundary**

*Boundary in package 'difusion'*

Boundary

Version 1.0 Phase 1.0 Proposed

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Extends

### **difusion diagram**

*Class diagram in package 'difusion'*

difusion

Version 1.0

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difusion

### **Difusion diagram**

*Interaction diagram in package 'difusion'*

retourner l'information sous format PDF

Difusion

Version 1.0

toshiba created on 21/03/2020. Last modified 21/03/2020



Difusion

|  |
| --- |
| **INTERACTION MESSAGES** |
| **1.0 ''** from 'Extraire information' sent to 'restitution'.  Synchronous Call. Returns void.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.1 ''** from 'retourner l'information sous format PDF' sent to 'USER'.  Synchronous Call. Returns void.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.2 ''** from 'Modifier l'information' sent to 'restitution'.  Synchronous Call. Returns void.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.3 ''** from 'L'information est modifier' sent to 'USER'.  Synchronous Call. Returns void.  [ Return is False. Iteration is False. New group is False. ] |

### **user**

*Actor in package 'difusion'*

user

Version 1.0 Phase 1.0 Proposed

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### **User**

*Actor in package 'difusion'*

User

Version 1.0 Phase 1.0 Proposed

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| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) User | Target: Public (UseCase) Générer des rapports |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) User | Target: Public (UseCase) Difuser les informations |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) User | Target: Public (UseCase) Lier la solution à une plateforme |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) User | Target: Public (UseCase) Accés au ressources |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) User | Target: Public (UseCase) Générer des newsletters |

### **Accés au ressources**

*UseCase in package 'difusion'*

Accés au ressources

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 22/03/2020

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Par IOS to Accés au ressources  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from par android to Accés au ressources  [ Direction is 'Source -> Destination'. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) User | Target: Public (UseCase) Accés au ressources |

### **Difuser les informations**

*UseCase in package 'difusion'*

Difuser les informations

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 22/03/2020

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) User | Target: Public (UseCase) Difuser les informations |

### **DOC**

*UseCase in package 'difusion'*

DOC

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from DOC to Générer des rapports  [ Direction is 'Source -> Destination'. ] |

### **Facebook**

*UseCase in package 'difusion'*

Facebook

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Facebook to Lier la solution à une plateforme  [ Direction is 'Source -> Destination'. ] |

### **Générer des newsletters**

*UseCase in package 'difusion'*

Générer des newsletters

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 22/03/2020

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Par client cible to Générer des newsletters  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from Par axes to Générer des newsletters  [ Direction is 'Source -> Destination'. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) User | Target: Public (UseCase) Générer des newsletters |

### **Générer des rapports**

*UseCase in package 'difusion'*

Générer des rapports

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 22/03/2020

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from XLS to Générer des rapports  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from DOC to Générer des rapports  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from PDF to Générer des rapports  [ Direction is 'Source -> Destination'. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) User | Target: Public (UseCase) Générer des rapports |

### **Lier la solution à une plateforme**

*UseCase in package 'difusion'*

Lier la solution à une plateforme

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 22/03/2020

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Twiter to Lier la solution à une plateforme  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from Facebook to Lier la solution à une plateforme  [ Direction is 'Source -> Destination'. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) User | Target: Public (UseCase) Lier la solution à une plateforme |

### **par android**

*UseCase in package 'difusion'*

par android

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from par android to Accés au ressources  [ Direction is 'Source -> Destination'. ] |

### **Par axes**

*UseCase in package 'difusion'*

Par axes

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Par axes to Générer des newsletters  [ Direction is 'Source -> Destination'. ] |

### **Par client cible**

*UseCase in package 'difusion'*

Par client cible

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Par client cible to Générer des newsletters  [ Direction is 'Source -> Destination'. ] |

### **Par IOS**

*UseCase in package 'difusion'*

Par IOS

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Par IOS to Accés au ressources  [ Direction is 'Source -> Destination'. ] |

### **PDF**

*UseCase in package 'difusion'*

PDF

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from PDF to Générer des rapports  [ Direction is 'Source -> Destination'. ] |

### **Twiter**

*UseCase in package 'difusion'*

Twiter

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Twiter to Lier la solution à une plateforme  [ Direction is 'Source -> Destination'. ] |

### **XLS**

*UseCase in package 'difusion'*

XLS

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from XLS to Générer des rapports  [ Direction is 'Source -> Destination'. ] |

### **Difusion**

*Class in package 'difusion'*

Difusion

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Difusion to Gestion  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from Difusion to Integration  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from Difusion to Restitution  [ Direction is 'Source -> Destination'. ] |

| **OPERATIONS** |
| --- |
| Gestion () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Integration () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| restitution () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

### **Gestion**

*Class in package 'difusion'*

Gestion

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Difusion to Gestion  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| id : int Public  [ Is static True. Containment is Not Specified. ] |

|  |
| --- |
| lie : char Public  [ Is static True. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| efacer () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Mail\_difusion () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| saisir () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

### **Integration**

*Class in package 'difusion'*

Integration

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Difusion to Integration  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| id : int Public  [ Is static True. Containment is Not Specified. ] |

|  |
| --- |
| lie : char Public  [ Is static True. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| chose\_plateforme () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| type\_plateforme () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Update () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

### **Restitution**

*Class in package 'difusion'*

Restitution

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Difusion to Restitution  [ Direction is 'Source -> Destination'. ] |

| **ATTRIBUTES** |
| --- |
| id : int Public  [ Is static True. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| change\_type () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| extraire () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| modifier () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

### **Accés au ressources**

*Requirement «Functional» in package 'difusion'*

Accés au ressources

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

### **Client cible**

*Requirement «Functional» in package 'difusion'*

Client cible

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from «Functional» Client cible to «Functional» Générer des newsletters  [ Direction is 'Source -> Destination'. ] |

### **Difuser les informations**

*Requirement «Functional» in package 'difusion'*

Difuser les informations

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Aggregation from «Functional» Difuser les informations to «Functional» Difusion  [ Direction is 'Source -> Destination'. ] |

### **Difusion**

*Requirement «Functional» in package 'difusion'*

Difusion

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Aggregation from «Functional» Gérer des rapport to «Functional» Difusion  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Aggregation from «Functional» Lier la solution informatique à une plateforme to «Functional» Difusion  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Aggregation from «Functional» Difuser les informations to «Functional» Difusion  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Aggregation from «Functional» Générer des newsletters to «Functional» Difusion  [ Direction is 'Source -> Destination'. ] |

### **DOC**

*Requirement «Functional» in package 'difusion'*

DOC

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from «Functional» DOC to «Functional» Gérer des rapport  [ Direction is 'Source -> Destination'. ] |

### **Facebook**

*Requirement in package 'difusion'*

Facebook

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Facebook to «Functional» Lier la solution informatique à une plateforme  [ Direction is 'Source -> Destination'. ] |

### **Générer des newsletters**

*Requirement «Functional» in package 'difusion'*

Générer des newsletters

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Aggregation from «Functional» Générer des newsletters to «Functional» Difusion  [ Direction is 'Source -> Destination'. ] |

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from «Functional» Client cible to «Functional» Générer des newsletters  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from «Functional» Par axe de veille to «Functional» Générer des newsletters  [ Direction is 'Source -> Destination'. ] |

### **Gérer des rapport**

*Requirement «Functional» in package 'difusion'*

Gérer des rapport

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Aggregation from «Functional» Gérer des rapport to «Functional» Difusion  [ Direction is 'Source -> Destination'. ] |

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from «Functional» PDF to «Functional» Gérer des rapport  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from «Functional» DOC to «Functional» Gérer des rapport  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Aggregation from «Functional» XLS to «Functional» Gérer des rapport  [ Direction is 'Source -> Destination'. ] |

### **Lier la solution informatique à une plateforme**

*Requirement «Functional» in package 'difusion'*

Lier la solution informatique à une plateforme

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Aggregation from «Functional» Lier la solution informatique à une plateforme to «Functional» Difusion  [ Direction is 'Source -> Destination'. ] |

| **INCOMING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Facebook to «Functional» Lier la solution informatique à une plateforme  [ Direction is 'Source -> Destination'. ] |

|  |
| --- |
| Generalization from Tewiter to «Functional» Lier la solution informatique à une plateforme  [ Direction is 'Source -> Destination'. ] |

### **Par android**

*Requirement in package 'difusion'*

Par android

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

### **Par axe de veille**

*Requirement «Functional» in package 'difusion'*

Par axe de veille

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from «Functional» Par axe de veille to «Functional» Générer des newsletters  [ Direction is 'Source -> Destination'. ] |

### **par IOS**

*Requirement «Functional» in package 'difusion'*

par IOS

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

### **PDF**

*Requirement «Functional» in package 'difusion'*

PDF

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from «Functional» PDF to «Functional» Gérer des rapport  [ Direction is 'Source -> Destination'. ] |

### **Tewiter**

*Requirement in package 'difusion'*

Tewiter

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Generalization from Tewiter to «Functional» Lier la solution informatique à une plateforme  [ Direction is 'Source -> Destination'. ] |

### **XLS**

*Requirement «Functional» in package 'difusion'*

XLS

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Aggregation from «Functional» XLS to «Functional» Gérer des rapport  [ Direction is 'Source -> Destination'. ] |

### **MessageEnd**

*MessageEnd in package 'difusion'*

MessageEnd

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

### **MessageEnd**

*MessageEnd in package 'difusion'*

MessageEnd

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

### **MessageEnd**

*MessageEnd in package 'difusion'*

MessageEnd

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

### **MessageEnd**

*MessageEnd in package 'difusion'*

MessageEnd

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

### **{}**

*InteractionState in package 'difusion'*

{}

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

### **Extraire information**

*MessageEnd in package 'difusion'*

Extraire information

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Sequence from Extraire information to restitution |

### **L'information est modifier**

*MessageEnd in package 'difusion'*

L'information est modifier

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Sequence from L'information est modifier to USER |

### **Modifier l'information**

*MessageEnd in package 'difusion'*

Modifier l'information

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Sequence from Modifier l'information to restitution |

### **restitution**

*Sequence in package 'difusion'*

restitution

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Sequence from Modifier l'information to restitution |

|  |
| --- |
| Sequence from Extraire information to restitution |

### **retourner l'information sous format PDF**

*MessageEnd in package 'difusion'*

retourner l'information sous format PDF

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Sequence from retourner l'information sous format PDF to USER |

### **USER**

*Sequence in package 'difusion'*

USER

Version 1.0 Phase 1.0 Proposed

toshiba created on 21/03/2020. Last modified 21/03/2020

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Sequence from L'information est modifier to USER |

|  |
| --- |
| Sequence from retourner l'information sous format PDF to USER |