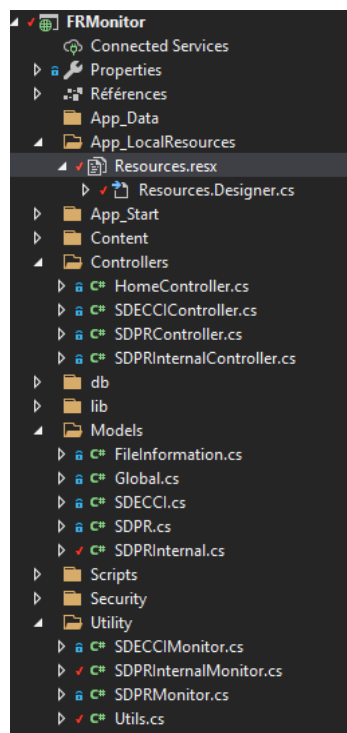


## Ajouter des fonctionnalités en C# qui permettent à l'utilisateur une meilleure utilisation de l'application

Les fichiers sont stockés dans dossiers qui se trouvent dans le serveur defrvai0102. Sur l'interface graphique, on affichera l'onglet "Files" dans VADERU0061. Ce serveur est lié à SDPRInternal dans le code.



Dans le controleur de SDPRInternal, on indique que les variables initialisées et utilisées dans le modele "SDPRInternal" seront récupérer dans le moniteur "SDPRInternalMonitor".

Fichier du Modèle" SDPRInternal.cs» :

On commence par rajouter et donc initialiser MorpheuFiles dans SDPRInternal car celui-ci va stocker et afficher nos deux dossiers: Morpheus MPH TO SAP et Morpheus SAP TO MPH.

Il initialise tous les noms de dossiers dans lequel se trouvent les fichiers.

On initialise le get set pour MorpheusFiles.

```
using System;
using System.Collections.Generic;
using System.ComponentModel.DataAnnotations;
using System.Linq;
using System.Web;
using FRMonitor.db;

namespace FRMonitor.Models
{
    7 références | Lakshman Ragounath, il y a 55 jours | 1 auteur, 1 modification
    public class SDPRInternal
    {
        2 références | Lakshman Ragounath, il y a 55 jours | 1 auteur, 1 modification
        public SDPRInternal()
        {
            SDPRInternal_JobActivity = new List<sp_help_jobactivity_Result>();
            MorpheuFiles = new MorpheuFiles();
        }

        [Key]
        0 références | Lakshman Ragounath, il y a 55 jours | 1 auteur, 1 modification
        public int Id { get; set; }
        2 références | Lakshman Ragounath, il y a 55 jours | 1 auteur, 1 modification
        public List<sp_help_jobactivity_Result> SDPRInternal_JobActivity { get; set; }
        3 références | 0 modification | 0 auteur, 0 modification
        public MorpheuFiles MorpheuFiles { get; set; }
    }
}
```

```
5 références | 0 modification | 0 auteur, 0 modification
public class MorpheuFiles
{
    1 référence | 0 modification | 0 auteur, 0 modification
    public MorpheuFiles()
    {
        morpheus1 = new Morpheus1();
        morpheus2 = new Morpheus2();
    }

    3 références | 0 modification | 0 auteur, 0 modification
    public Morpheus1 morpheus1 { get; set; }
    3 références | 0 modification | 0 auteur, 0 modification
    public Morpheus2 morpheus2 { get; set; }
}

7 références | 0 modification | 0 auteur, 0 modification
public class Morpheus1
{
    2 références | 0 modification | 0 auteur, 0 modification
    public Morpheus1()
    {
        Expedition = new List<FileInformation>();
        Of = new List<FileInformation>();
        Reception = new List<FileInformation>();
        Inventaire = new List<FileInformation>();
        Edi = new List<FileInformation>();
        Article = new List<FileInformation>();
        Parking = new List<FileInformation>();
    }
}
```

```

    Inventaire = new List<FileInformation>();
    Edi = new List<FileInformation>();
    Article = new List<FileInformation>();
    Packing = new List<FileInformation>();
}
[Key]
0 références | 0 modification | 0 auteur, 0 modification
public int Id { get; set; }
5 références | 0 modification | 0 auteur, 0 modification
public List<FileInformation> Expedition { get; set; }
5 références | 0 modification | 0 auteur, 0 modification
public List<FileInformation> Of { get; set; }
5 références | 0 modification | 0 auteur, 0 modification
public List<FileInformation> Reception { get; set; }
6 références | 0 modification | 0 auteur, 0 modification
public List<FileInformation> Inventaire { get; set; }
5 références | 0 modification | 0 auteur, 0 modification
public List<FileInformation> Edi { get; set; }
5 références | 0 modification | 0 auteur, 0 modification
public List<FileInformation> Article { get; set; }
5 références | 0 modification | 0 auteur, 0 modification
public List<FileInformation> Packing { get; set; }
}

7 références | 0 modification | 0 auteur, 0 modification
public class Morpheus2
{
    2 références | 0 modification | 0 auteur, 0 modification
    public Morpheus2()
    {
        Of = new List<FileInformation>();
        Expedition = new List<FileInformation>();
        Reception = new List<FileInformation>();
    }
}

```

```

7 références | 0 modification | 0 auteur, 0 modification
public class Morpheus2
{
    2 références | 0 modification | 0 auteur, 0 modification
    public Morpheus2()
    {
        Of = new List<FileInformation>();
        Expedition = new List<FileInformation>();
        Reception = new List<FileInformation>();
        Article = new List<FileInformation>();
    }
    [Key]
    0 références | 0 modification | 0 auteur, 0 modification
    public int Id { get; set; }
    5 références | 0 modification | 0 auteur, 0 modification
    public List<FileInformation> Of { get; set; }
    5 références | 0 modification | 0 auteur, 0 modification
    public List<FileInformation> Expedition { get; set; }
    5 références | 0 modification | 0 auteur, 0 modification
    public List<FileInformation> Reception { get; set; }
    5 références | 0 modification | 0 auteur, 0 modification
    public List<FileInformation> Article { get; set; }
}
}

```

3 références | Lakshman Ragounath, il y a 55 jours | 1 auteur, 1 modification

```
public class S DPRInternalMonitor
```

```
{  
    private static S DPRInternalmsdbEntities db = new S DPRInternalmsdbEntities();
```

2 références | Lakshman Ragounath, il y a 55 jours | 1 auteur, 1 modification

```
internal static S DPRInternal Get()
```

```
{  
    S DPRInternal _S DPRInternal = new S DPRInternal();  
  
    try  
    {  
        List<sp_help_jobactivity_Result> sp_help_jobactivity = db.sp_help_jobactivity(null, null, null).ToList();  
        _S DPRInternal.S DPRInternal_JobActivity = sp_help_jobactivity;  
  
        Morpheus1 morpheu1Files = new Morpheus1();  
  
        {  
  
            List<string> Morpheus1_ARTICLE = Directory.GetFiles(Utils.Morpheus1_ARTICLE).ToList();  
            List<string> Morpheus1_EDI = Directory.GetFiles(Utils.Morpheus1_EDI).ToList();  
            List<string> Morpheus1_EXPEDITION = Directory.GetFiles(Utils.Morpheus1_EXPEDITION).ToList();
```

```
        if (Morpheus1_ARTICLE.Any())  
        {  
            morpheu1Files.Article = Utils.GetFileInformation(Morpheus1_ARTICLE);  
            if (morpheu1Files.Article.Any(f => f.DateUpdate.Day != DateTime.Now.Day))  
                Utils.Log.Error(string.Format(Resources.Morpheus1_ARTICLE, "Morpheus1", @"MPH_Interface\MPH_TO_SAP\ARTICLE", "Morpheus1.exe"));  
        }  
        else  
            Utils.Log.Error(string.Format(Resources.Morpheus1_ARTICLE, "Morpheus1", @"MPH_Interface\MPH_TO_SAP\ARTICLE", "Morpheus1.exe"));  
  
        if (Morpheus1_EDI.Any())  
        {  
            morpheu1Files.Edi = Utils.GetFileInformation(Morpheus1_EDI);  
            if (morpheu1Files.Edi.Any(f => f.DateUpdate.Day != DateTime.Now.Day))  
                Utils.Log.Error(string.Format(Resources.Morpheus1_EDI, "Morpheus1", @"MPH_Interface\MPH_TO_SAP\EDI", "Morpheus1.exe"));  
        }  
        else  
            Utils.Log.Error(string.Format(Resources.Morpheus1_EDI, "Morpheus1", @"MPH_Interface\MPH_TO_SAP\EDI", "Morpheus1.exe"));  
  
        if (Morpheus1_EXPEDITION.Any())  
        {  
            morpheu1Files.Expedition = Utils.GetFileInformation(Morpheus1_EXPEDITION);  
            if (morpheu1Files.Expedition.Any(f => f.DateUpdate.Day != DateTime.Now.Day))  
                Utils.Log.Error(string.Format(Resources.Morpheus1_EXPEDITION, "Morpheus1", @"MPH_Interface\MPH_TO_SAP\EXPEDITION", "Morpheus1.exe"));  
        }  
        else  
            Utils.Log.Error(string.Format(Resources.Morpheus1_EXPEDITION, "Morpheus1", @"MPH_Interface\MPH_TO_SAP\EXPEDITION", "Morpheus1.exe"));  
  
        if (Morpheus1_INVENTAIRE.Any())  
        {  
            morpheu1Files.Inventaire = Utils.GetFileInformation(Morpheus1_INVENTAIRE);
```

```
        else  
            Utils.Log.Error(string.Format(Resources.Morpheus1_RECEPTION, "Morpheus1", @"MPH_Interface\MPH_TO_SAP\RECEPTION", "Morpheus1.exe"));
```

```
        Morpheus2 morpheu2Files = new Morpheus2();  
        List<string> Morpheus2_OF = Directory.GetFiles(Utils.Morpheus2_OF).ToList();  
        List<string> Morpheus2_RECEPTION = Directory.GetFiles(Utils.Morpheus2_RECEPTION).ToList();  
        List<string> Morpheus2_EXPEDITION = Directory.GetFiles(Utils.Morpheus2_EXPEDITION).ToList();  
        List<string> Morpheus2_ARTICLE = Directory.GetFiles(Utils.Morpheus2_ARTICLE).ToList();
```

```
        if (Morpheus2_OF.Any())  
        {  
            morpheu2Files.Of = Utils.GetFileInformation(Morpheus2_OF);  
            if (morpheu2Files.Of.Any(f => f.DateUpdate.Day != DateTime.Now.Day))  
                Utils.Log.Error(string.Format(Resources.Morpheus2_OF, "Morpheus2", @"MPH_Interface\SAP_TO_MPH\OF", "Morpheus2.exe"));  
        }  
        else  
            Utils.Log.Error(string.Format(Resources.Morpheus2_OF, "Morpheus2", @"MPH_Interface\SAP_TO_MPH\OF", "Morpheus2.exe"));
```

```
        if (Morpheus2_RECEPTION.Any())  
        {  
            morpheu2Files.Reception = Utils.GetFileInformation(Morpheus2_RECEPTION);  
            if (morpheu2Files.Reception.Any(f => f.DateUpdate.Day != DateTime.Now.Day))  
                Utils.Log.Error(string.Format(Resources.Morpheus2_RECEPTION, "Morpheus2", @"MPH_Interface\SAP_TO_MPH\RECEPTION", "Morpheus2.exe"));  
        }  
        else  
            Utils.Log.Error(string.Format(Resources.Morpheus2_RECEPTION, "Morpheus2", @"MPH_Interface\SAP_TO_MPH\RECEPTION", "Morpheus2.exe"));
```

```
        if (Morpheus2_EXPEDITION.Any())
```

```

        Utils.Log.Error(string.Format(Resources.Morpheus2_EXPEDITION, "Morpheus2", @"MPH_Interface\SAP_TO_MPH\EXPEDITION", "Morpheus2.exe"));
    }
    else
    {
        Utils.Log.Error(string.Format(Resources.Morpheus2_EXPEDITION, "Morpheus2", @"MPH_Interface\SAP_TO_MPH\EXPEDITION", "Morpheus2.exe"));
    }
    if (Morpheus2_ARTICLE.Any())
    {
        morpheu2Files.Article = Utils.GetFileInformation(Morpheus2_ARTICLE);
        if (morpheu2Files.Article.Any(f => f.DateUpdate.Day != DateTime.Now.Day))
        {
            Utils.Log.Error(string.Format(Resources.Morpheus2_ARTICLE, "Morpheus2", @"MPH_Interface\SAP_TO_MPH\ARTICLE", "Morpheus2.exe"));
        }
    }
    else
    {
        Utils.Log.Error(string.Format(Resources.Morpheus2_ARTICLE, "Morpheus2", @"MPH_Interface\SAP_TO_MPH\ARTICLE", "Morpheus2.exe"));
    }
    _SDPRIInternal.MorpheuFiles.morpheus2 = morpheu2Files;
}

}

_SDPRIInternal.MorpheuFiles.morpheus1 = morpheu1Files;
}
catch (Exception ex)
{
    Utils.Log.Error(ex, ex.Message + ex.InnerException + ex.StackTrace);
}
return _SDPRIInternal;
}
}

0 références | 0 modification | 0 auteur, 0 modification
private static List<FileInformation> GetFileInformations(string path)

```

```

}

0 références | 0 modification | 0 auteur, 0 modification
private static List<FileInformation> GetFileInformations(string path)
{
    List<FileInformation> fileInformation = new List<FileInformation>();

    return fileInformation;
}

```

## Utils

```

public static string Morpheus1_ARTICLE = ConfigurationManager.AppSettings.Get("Morpheus1_ARTICLE");
public static string Morpheus1_EDITION = ConfigurationManager.AppSettings.Get("Morpheus1_EDITION");
public static string Morpheus1_EXPEDITION = ConfigurationManager.AppSettings.Get("Morpheus1_EXPEDITION");
public static string Morpheus1_INVENTAIRE = ConfigurationManager.AppSettings.Get("Morpheus1_INVENTAIRE");
public static string Morpheus1_OF = ConfigurationManager.AppSettings.Get("Morpheus1_OF");
public static string Morpheus1_PACKING = ConfigurationManager.AppSettings.Get("Morpheus1_PACKING");
public static string Morpheus1_RECEPTION = ConfigurationManager.AppSettings.Get("Morpheus1_RECEPTION");
public static int Morpheus1MaxFiles = int.Parse(ConfigurationManager.AppSettings.Get("Morpheus1_MaxFiles"));

public static string Morpheus2_ARTICLE = ConfigurationManager.AppSettings.Get("Morpheus2_ARTICLE");
public static string Morpheus2_EXPEDITION = ConfigurationManager.AppSettings.Get("Morpheus2_EXPEDITION");
public static string Morpheus2_OF = ConfigurationManager.AppSettings.Get("Morpheus2_OF");
public static string Morpheus2_RECEPTION = ConfigurationManager.AppSettings.Get("Morpheus2_RECEPTION");
public static int Morpheus2MaxFiles = int.Parse(ConfigurationManager.AppSettings.Get("Morpheus2_MaxFiles"));

```

## Ressources

Logs1	Logs
Morpheus1	Morpheus MPH_TO_SAP
Morpheus1_ARTICLE	Morpheus1_ARTICLE
Morpheus1 EDI	Morpheus1 EDI
Morpheus1_EXPEDITION	Morpheus1_EXPEDITION
Morpheus1_INVENTAIRE	Morpheus1_INVENTAIRE
Morpheus1_OF	Morpheus1_OF
Morpheus1_PACKING	Morpheus1_PACKING
Morpheus1_RECEPTION	Morpheus1_RECEPTION
Morpheus2	Morpheus SAP_TO_MPH
Morpheus2_ARTICLE	Morpheus2_ARTICLE
Morpheus2_EXPEDITION	Morpheus2_EXPEDITION
Morpheus2_OF	Morpheus2_OF
Morpheus2_RECEPTION	Morpheus2_RECEPTION

Changements+ creation de vues pour afficher les tableaux dans l'onglet Files sur l'interface.

```

@model FRMonitor.Models.MorpheuFiles
using FRMonitor.App_LocalResources

<div class="tab-pane fade" id="nav-MorpheuFiles" role="tabpanel" aria-labelledby="nav-MorpheuFiles-tab">
    <div class="card p-3 shadow">
        <h6>
            <i class="fa fa-file"></i> Files
        </h6>
        <div class="row">
            <div class="col">
                @Html.Partial("~/Views/SDPRInternal/_MorpheusMPH_TO_SAP.cshtml", Model.morpheus1)
            </div>
            <div class="col">
                @Html.Partial("~/Views/SDPRInternal/_MorpheusSAP_TO_MPH.cshtml", Model.morpheus2)
            </div>
        </div>
    </div>
</div>

```

```

@model FRMonitor.Models.Morpheus1
using FRMonitor.App_LocalResources
using System.Configuration

int Morpheus1MaxFiles = int.Parse(ConfigurationManager.AppSettings.Get("Morpheus1_MaxFiles"));

string Of = (Model.Of?.Count() ?? 0) > Morpheus1MaxFiles ? "bg-warning" : "bg-success";
string Reception = (Model.Reception?.Count() ?? 0) > Morpheus1MaxFiles ? "bg-warning" : "bg-success";
string Inventaire = (Model.Inventaire != null ? Model.Inventaire.Count() : 0) > Morpheus1MaxFiles ? "bg-warning" : "bg-success";
string Edi = (Model.Edi?.Count() ?? 0) > Morpheus1MaxFiles ? "bg-warning" : "bg-success";
string Article = (Model.Article?.Count() ?? 0) > Morpheus1MaxFiles ? "bg-warning" : "bg-success";
string Packing = (Model.Packing?.Count() ?? 0) > Morpheus1MaxFiles ? "bg-warning" : "bg-success";

<div class="col-md-4">
    <div class="card">
        <ul class="list-group list-group-flush">
            <li>
                string ExpeditionResource = Resources.Expedition != null ? Resources.Expedition : "";
                string Expedition = (Model.Expedition?.Count() ?? 0) > Morpheus1MaxFiles ? "bg-warning" : "bg-success";
                <li class="list-group-item">ExpeditionResource: <span class="badge @Expedition rounded-pill">@Model.Expedition.Count()</span></li>
                <li class="list-group-item">Resources.Of: <span class="badge @Of rounded-pill">@Model.Of.Count()</span></li>
                <li class="list-group-item">Resources.Reception: <span class="badge @Reception rounded-pill">@Model.Reception.Count()</span></li>
                <li class="list-group-item">Resources.Inventaire: <span class="badge @Inventaire rounded-pill">@Model.Inventaire.Count()</span></li>
                <li class="list-group-item">Resources.Edi: <span class="badge @Edi rounded-pill">@Model.Edi.Count()</span></li>
                <li class="list-group-item">Resources.Article: <span class="badge @Article rounded-pill">@Model.Article.Count()</span></li>
                <li class="list-group-item">Resources.Packing: <span class="badge @Packing rounded-pill">@Model.Packing.Count()</span></li>
            </li>
        </ul>
        <div class="card-footer vg">

```

```

@model FRMonitor.Models.Morpheus2
using FRMonitor.App_LocalResources
using System.Configuration

int Morpheus2MaxFiles = int.Parse(ConfigurationManager.AppSettings.Get("Morpheus2_MaxFiles"));
string Of = (Model.Of?.Count() ?? 0) > Morpheus2MaxFiles ? "bg-warning" : "bg-success";
string Expedition = (Model.Expedition?.Count() ?? 0) > Morpheus2MaxFiles ? "bg-warning" : "bg-success";
string Reception = (Model.Reception?.Count() ?? 0) > Morpheus2MaxFiles ? "bg-warning" : "bg-success";
string Article = (Model.Article.Count() > Morpheus2MaxFiles ? "bg-warning" : "bg-success";

<div class="col-md-4">
    <div class="card">
        <ul class="list-group list-group-flush">
            <li class="list-group-item"><span class="badge <Of> rounded-pill"><Model.Of.Count()></span></li>
            <li class="list-group-item"><span class="badge <Expedition> rounded-pill"><Model.Expedition.Count()></span></li>
            <li class="list-group-item"><span class="badge <Reception> rounded-pill"><Model.Reception.Count()></span></li>
            <li class="list-group-item"><span class="badge <Article> rounded-pill"><Model.Article.Count()></span></li>
        </ul>
        <div class="card-footer vg">
            <i class="fa fa-code"></i> <Resources.Morpheus2>
        </div>
    </div>
</div>

```

```

@model FRMonitor.Models.SDPRInternal
using FRMonitor.App_LocalResources

<div class="card p-3 shadow">
    <h5>
        <i class="fa fa-database"></i>
        <i class="fa fa-globe"></i> <Resources.SDPRProdServer>
    </h5>
    <nav>
        <div class="nav nav-tabs mb-3" id="nav-tab" role="tablist">
            <button class="nav-link active" id="btnsdprInternal" data-bs-toggle="tab" data-bs-target="#nav-sqljoblan" type="button" role="tab" aria-controls="nav-sqljob" aria-selected="true"><Resources.SQLJob8>
                <span class="badge bg-primary rounded-pill"><Model.SDPRInternal_JobActivity.Count()> =
                <span class="badge bg-success rounded-pill"><Model.SDPRInternal_JobActivity.Where(job => job.run_status == 1 && !job.message.Contains("Failed to notify")).Count()>
                <span class="badge bg-warning rounded-pill"><Model.SDPRInternal_JobActivity.Where(job => job.run_status == 1 && job.message.Contains("Failed to notify")).Count()>
                <span class="badge bg-danger rounded-pill"><Model.SDPRInternal_JobActivity.Where(job => job.run_status == 0 || job.run_status == null).Count()>
            </button>
            <button class="nav-link" id="nav-MorpheuFiles-tab" data-bs-toggle="tab" data-bs-target="#nav-MorpheuFiles" type="button" role="tab" aria-controls="nav-MorpheuFiles" aria-selected="false">
            <button class="nav-link" id="nav-Logs-tab-sdprlan" data-bs-toggle="tab" data-bs-target="#nav-Logs-sdprInternal" type="button" role="tab" aria-controls="nav-Logs-LogsSDPRI" aria-selected="false">
        </div>
        <div class="tab-content p-3 border bg-light" id="nav-tabContent-sdprInternal">
            <div class="tab-pane active"><html><partial~/Views/SDPRInternal/_SqlJobs.cshtml, Model.SDPRInternal_JobActivity></partial></div>
            <div class="tab-pane"><html><partial~/Views/SDPRInternal/_Logs.cshtml></partial></div>
            <div class="tab-pane"><html><partial~/Views/SDPRInternal/_MorpheuFiles.cshtml, Model.MorpheuFiles></partial></div>
        </div>
    </div>
</div>

```

Resultat final qui est attendu :

