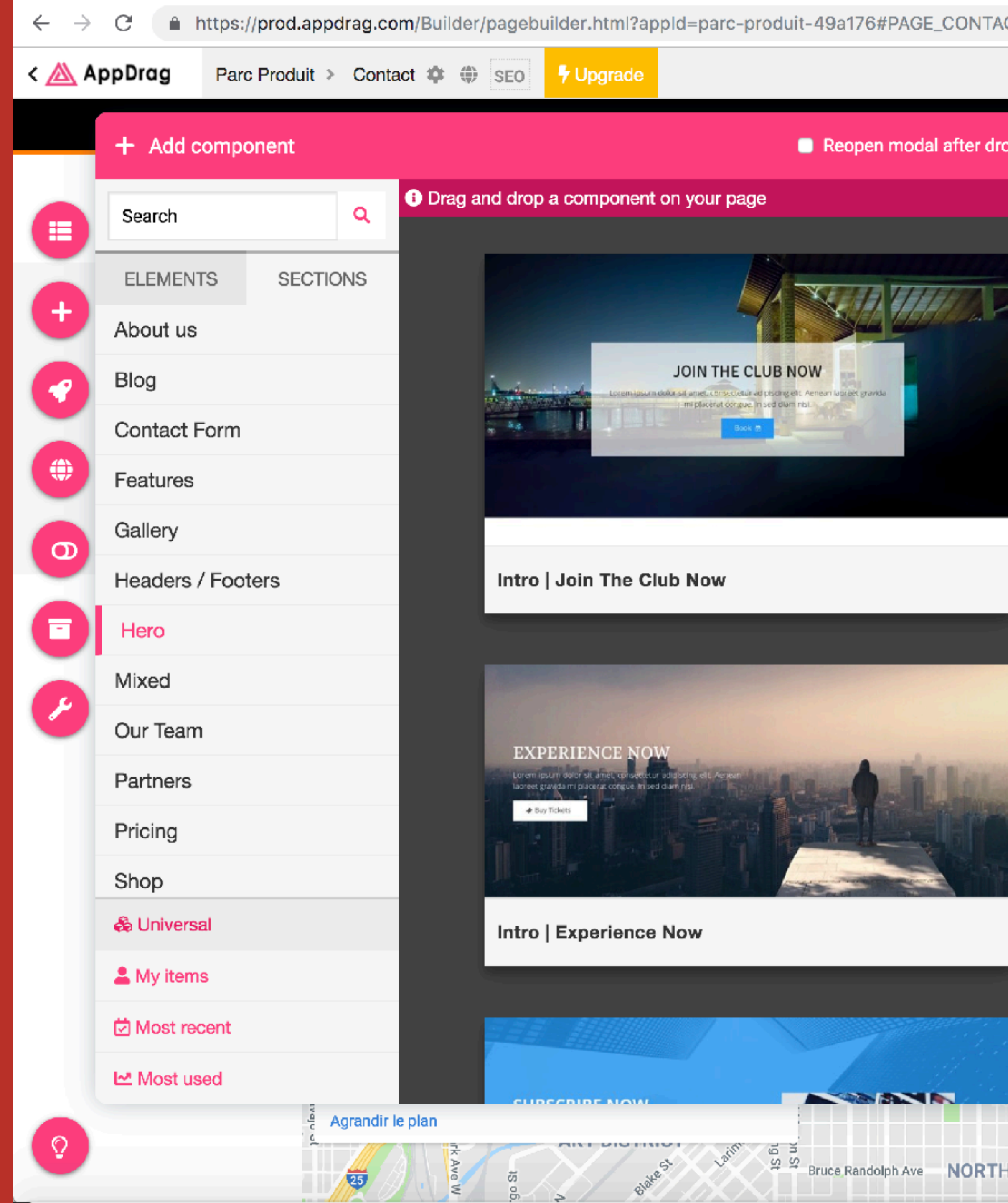


# AppDrag

A new web companion of FileMaker



# Marc Lamouret

- FileMaker Developer since V3
- Built the first advertising database analyser
- Independent developer



# **Different ways to use FileMaker on web**

# The 3 ways

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FileMaker  
WebDirect

- License prices
- Material Resources



Expensive



Web Custom  
Publishing PHP

- PHP knowledge
- Html knowledge



For experts



FileMaker  
API

- New way to interact
- Web knowledge
- No real framework



Trendy way



**Why is web not as simple as  
Filemaker?**



A visual editor  
Drag & drop



# AppDrag



Infrastructure  
Robust and secure



+ 1 000 sections



Bootstrap  
web standart



Cloud  
Back-end

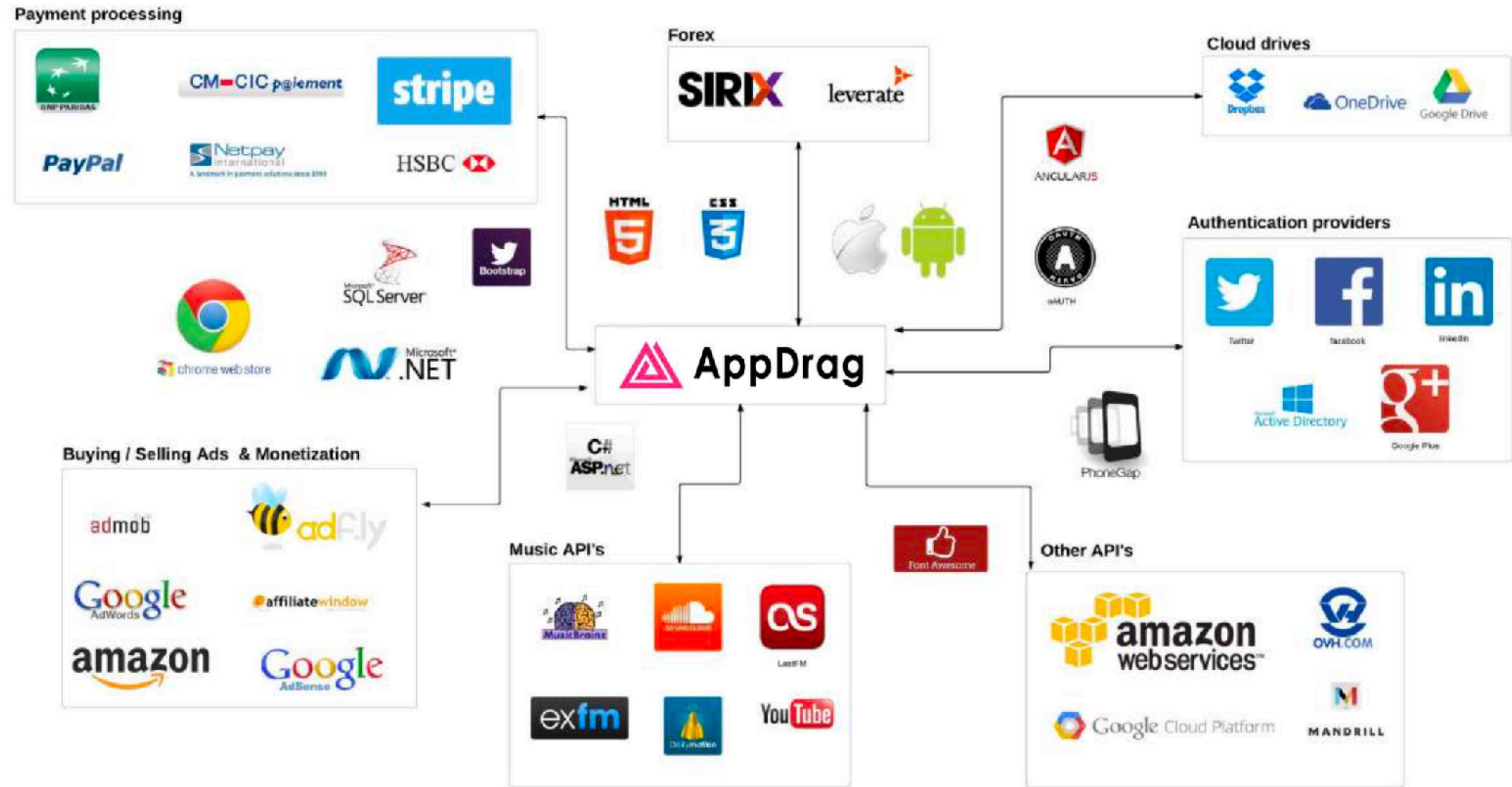


Image library  
Newsletters  
SEO Module  
Tracking module  
Translate module



Security : 12 Levels AWS et 11 levels AppDrag

# Interact with different technologies



# Page-Builder Demo

The screenshot displays the AppDrag page builder interface. At the top, there is a browser window showing the URL `prod.appdrag.com` and a navigation menu with items like "Tableau de bord | AppDrag" and "Parc Produit". Below the navigation, there is a main content area with a section titled "NOS CATÉGORIES DE PRODUIT". This section contains two columns: "Ordinateurs" with a "voir ici" link and "Smartphone" with a "voir ici" link. A sidebar on the left contains various icons for editing and adding content. A "Personnalisation" (Customization) panel is open on the right, showing options for "Section > Ligne > Colonne", including "Arrière plan", "Lien", "Actions", "Animation", "Visibilité", "Position", "Options de la grille", "Bordures", and "Ombre". The "Ombre" (Shadow) section includes "Padding" and "Margin" settings with numerical input fields. Below the main content area, there is a product card for "STX Phone" with a price of "\$636.00". The card includes a smartphone image, a description, and three circular buttons for "10 Days", "8 Hours", and "32 Minutes".



# How to use AppDrag ?

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- Create a project and choose a template
- Define color and police
- Create a page + add component and section
- Add simply an image or icon, and change color
- Improve your seo with the SEO module
- Publish your website



# How to interact with FileMaker Data API ?

# How it's work

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## Page builder



1. Create your design page
5. Implement on the page
6. Deploy your site

## Cloud Back-end



2. Design your Api fonction
4. Test and catch error

## FileMaker Data API



3. Design your Layout and security stuff

# Cloud backend Demo

## Paramètres en entrée

× NomCategorie (Tablette)

× IDCategorie (22)

## Edition du code

Editer en ligne

## Handler

handler

📖 Ouvrir le gestionnaire de librairies

```
1 // -----> Définir les variables de connexion
2 var ServerAdresse = 'https://monserveur.com';
3 var DBName = 'Catalogue';
4 var User = 'Api';
5 var Password = 'Api';
6
7
8 // -----> Initialisation du module Filemaker
9 var filemaker = require('appdrag-datasource-filemaker');
10 filemaker.init(ServerAdresse, DBName, User, Password);
11
12 // -----> Gestion du module FileMaker
13 exports.handler = async(event, context, callback) => {
14
15
16 // -----> Récupération des paramètres d'entrée pour la recherche
17 var NomCategorie = event["POST"]["NomCategorie"];
18 var IDCategorie = event["POST"]["IDCategorie"];
19
20
21 // -----> Gestion du Modèle (Layout)
22 var Layout = 'Web_L_Categorie';
23
24 // -----> Gestion du Modèle de réponse (Layout)
25 // var LayoutResponse = 'Api_Contact';
26
27 // -----> Création du Json de création / Modification enregistré
28 var DataQuery = {
29   "query": [{
30     "Nom_Categorie": NomCategorie
31   }],
32   "sort": [
33     {"fieldName": "Nom_Categorie", "sortOrder": "ascend"}
34   ]
35 };
36
37 // -----> Exécution de la RECHERCHE d'entregistrement
38 var response = await filemaker.Find(Layout, DataQuery);
39 callback(null, response);
40
41 };
```

# How to connect FileMaker ?

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- Design your interface with Page-Builder
- Open Cloud-Backend and create a new function
- Select NodeJS function + Use FileMaker Connector shortcut
- Look exemple in NPM and Configure your action / request
- Test it and go back to page-builder and attaching the function on page
- From the correct formatting, replace with the fields name

# Go further

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- You can make processing loops (for conditional display)
- You can generate a JSON file for less dynamic data and control the update in your FileMaker solution
- You can chain tasks in NodeJS script
- You can create a function to connect directly to a webdirect solution

# Conclusion

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- Fast & flexible to make your design in web
- In the philosophy of FileMaker
- Powerful because you have NodeJS (make pdf, excel files...)

# Resources

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- The appdrag platform <http://AppDrag.com>
- Find some tricks with FileMaker : <http://www.datapratique.com/AppDragForFilemaker.html>
- See AppDrag tutorials : <https://academy.appdrag.com>
- API doc : <https://fmhelp.filemaker.com/docs/17/fr/dataapi/index.html>
- La documentation du FileMaker connector NodeJs : <https://www.npmjs.com/package/appdrag-datasource-filemaker>



**To have the best welcome**  
**steven@appdrag.com**

**Q & A**

# Security and speed way

