

Changements effectués sur l'hébergeur Heroku



1. Introduction

Ce document décrit les configurations appliquées sur l'hébergeur **Heroku** dans le cadre du projet **LEGARANT – Intégration AXG & Application mobile SOCMOB**.

Objectifs :

- Décrire les environnements **Staging** et **Production**.
- Documenter les add-ons, variables, mappings et paramètres de sécurité.
- Servir de référence pour la maintenance, les audits et la mise en production.

2. Environnements Heroku

Applications créées

Environnement	Nom de l'application	Objectif
Staging	legarant-staging	Connectée à la sandbox Salesforce pour les tests.
Production	legarant-mobile-prod	Connectée à l'org Salesforce PROD, utilisée par les assureurs.

Pipeline

Une **pipeline Heroku** lie les deux apps :

- **Staging** pour validation fonctionnelle.
- **Production** pour déploiement final.

3. Add-ons configurés

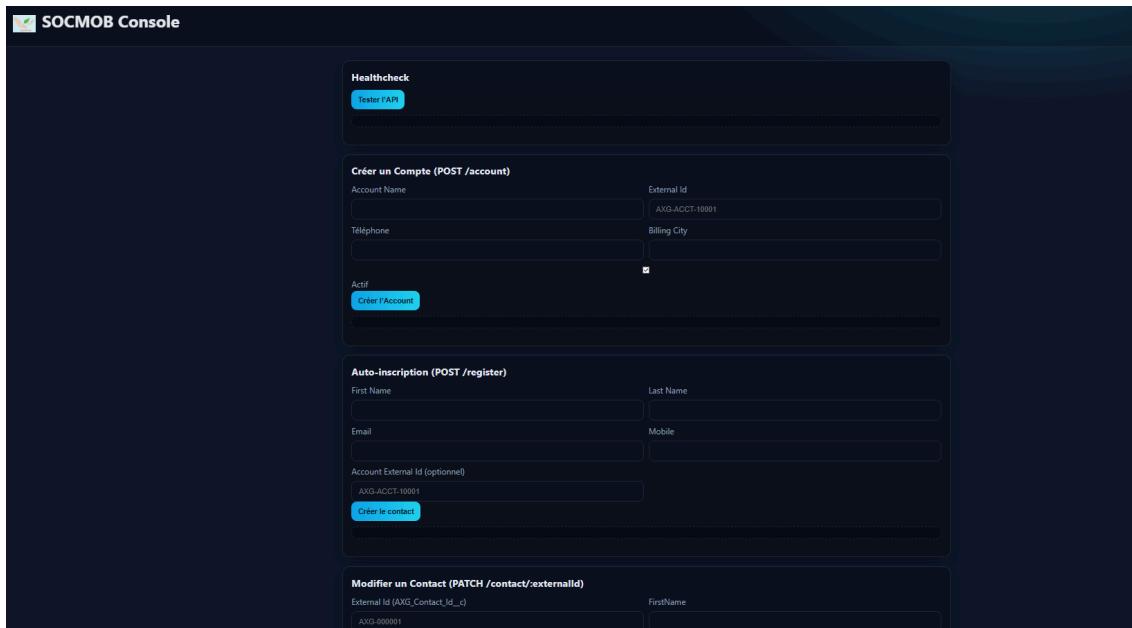
Add-on	Plan	Rôle
Heroku Postgres	Essential-2	Stockage des données synchronisées via Heroku Connect.
Heroku Connect	Demo Edition	Synchronisation Salesforce ↔ PostgreSQL.
Papertrail	Free/Choklad ou Fixa	Centralisation et suivi temps réel des logs applicatifs.

4. Dynos et Procfile

- **Dyno Web** : 1 dyno (Basic).
- **Procfile** :

web: node server.js

- Lancement de l'API SOCMOB (Express + Postgres).



5. Variables d'environnement (Config Vars)

Variables configurées par app :

Variable	Description	Developpement / Staging	Production
ALLOWED_ORIGINS	CORS autorisés	*	https://legarant-mobile-prod-bc96c9c79ec1.herokuapp.com https://legarant-mobile-prod.herokuapp.com , https://web.postman.com
DATABASE_URL	Connexion Postgres (auto)	postgres://...	postgres://...
SF_CLIENT_ID	OAuth Connected App	3*****	4*****
SF_CLIENT_SECRET	Secret OAuth	*****	*****
SF_INSTANCE_URL	Instance Salesforce	https://test.salesforce.com	https://Login.salesforce.com
SF_USERNAME	User intégration	jeandup.axg@legarant.com.dev	
SF_PASSWORD	Password intégration	*****	
SF_SECURITY_TOKEN	Token Salesforce	*****	

Region	Europe
Stack	heroku-24
Frameworks	Node.js
Github Repo	Alyesha/Legarant-app
Heroku Git URL	https://git.heroku.com/legarant-mobile-prod.git
Generation	Cedar

Buildpacks

Buildpacks are scripts that are run when your app is deployed. They are used to install dependencies for your app and configure your environment. [Find new buildpacks on Heroku Elements](#)

Add buildpack
X

Config Vars

Config vars change the way your app behaves. In addition to creating your own, some add-ons come with their own.

[Hide Config Vars](#)

Key	Value	edit	x
ALLOWED_ORIGINS	https://legarant-mobile-prod-bc96c9c79ec1		
DATABASE_URL	postgres://u8ck5nb2rkvcgn:p41300a78fa732de		
NODE_ENV	production		
SF_API_VERSION	v64.0		
SF_CLIENT_ID	3MVG9k02hQhyUgQB9xxKqb0tQ8pRfVgtGigypI8x_R		
SF_CLIENT_SECRET	D093805EF7424FB0873D15B1FBBA0738C0CD0FFF83		
SF_INSTANCE_URL	https://legarant-e-dev-ed.develop.my.salesforce.com		
SF_LOGIN_URL	https://legarant-mobile-prod-bc96c9c79ec1		

Environnement Production

Config Vars

Config vars change the way your app behaves. In addition to creating your own, some add-ons come with their own.

[Hide Config Vars](#)

Key	Value	edit	x
ALLOWED_ORIGINS	https://legarant-staging.herokuapp.com,https://legarant-e-dev-ed.develop.my.salesforce.com		
DATABASE_URL	postgres://u782978tbjtg96:pae8e5cf37bfde21		
NODE_ENV	development		
SF_API_VERSION	v64.0		
SF_CLIENT_ID	3MVG9k02hQhyUgQB9xxKqb0tQ8pdmfitVNkRLjeD2g;		
SF_CLIENT_SECRET	3MVG9k02hQhyUgQB9xxKqb0tQ8pdmfitVNkRLjeD2g;		
SF_INSTANCE_URL	https://legarant-e-dev-ed.develop.my.salesforce.com		
SF_LOGIN_URL	https://test.salesforce.com		
SF_PASSWORD	Yamina1917		
SF_SECURITY_TOKEN	YLo2h070nnM8sFS9grXtoN6rJ		
SF_USERNAME	jeandup.axg@legarant.com.dev		
KEY	VALUE		Add

Environnement sandbox

Déférence clé :

- Client id & client secret différent selon environnement
- différentes data base

- En prod on utilise <https://legarant-e-dev-ed.develop.my.salesforce.com> donc pas besoins des infos User
-

6. Mapping Heroku Connect

Objets synchronisés :

Objet Salesforce	Mode	Commentaire
Account	Read/Write	Gestion comptes (AXG_Account_Id__c).
Contact	Read/Write	Gestion contacts (AXG_Contact_Id__c).
Contract	Read/Write	Gestion contrats (AXG_Contract_Id__c).
Order	Read only	Lecture commandes.
OrderItem	Read only	Détails commandes.
Product2	Read only	Catalogue produits.
Pricebook2	Read only	Référentiel Pricebooks.
PricebookEntry	Read only	Lignes de prix.

7. Code source déployé

- **server.js** : API REST (Express, CORS, endpoints Accounts/Contacts/Contracts/Orders/Products).
 - **index.html / app.js** : console front-end pour tests.
 - **styles.css** : design simple (dark mode).
 - **package.json** : Node.js 18+, dépendances `express`, `pg`.
-

8. Sécurité

- **HTTPS** activé par défaut (certificat Heroku).
- **Authentification Salesforce** : OAuth 2.0 via deux Connected Apps ([Legarant_AXG_ConnectedApp](#) et [Legarant_AXG_ConnectedApp_Prod](#)).
 - **Mode recommandé en production** : Client Credentials Flow (server-to-server).
 - **Mode PoC** : Username-Password Flow (pour Postman uniquement).
- **Sécurité Heroku** :
 - Variables d'environnement utilisées (aucune clé en clair dans le code) :
 - `DATABASE_URL` (Postgres).
 - `ALLOWED_ORIGINS` (CORS, en production → domaine app mobile uniquement).
 - `PORT` (attribué par Heroku).
 - Logs activés (Heroku Logs / Papertrail).
- **Bonnes pratiques respectées** :
 - Utilisation d'**External Ids uniques** ([AXG_*_c](#)) pour opérations upsert.

- **Soft delete** des contacts (`Active_c=false` , pas de `DELETE`).
- Endpoints batch (Salesforce Composite API) pour limiter les appels.

9. URLs & logs

Environnement	URL publique	Logs
Staging	https://legarant-staging-...herokuapp.com	Papertrail activé
Production	https://legarant-mobile-prod-...herokuapp.com	Papertrail activé

```
Sep 29 11:59:51 legarant-mobile-prod heroku/router at=info method=GET path="/" host=legarant-mobile-prod-bc96c9c79ec1.herokuapp.com request_id=db29cf02-4033-5732-efba-ac3f2a738bf8 fwd="176.186.39.214" dyno=web.1 connect=ms service=120ms status=200 bytes=9084 protocol=https
Sep 29 11:59:51 legarant_mobile_prod heroku/router at=info method=GET path="/styles.css" host=legarant-mobile-prod-bc96c9c79ec1.herokuapp.com request_id=918ad588-8690-0938-41cf-0b1752841f8 fwd="176.186.39.214" dyno=web.1 connect=ms service=2ms status=200 bytes=1998 protocol=https
Sep 29 11:59:52 legarant-mobile-prod heroku/router at=info method=GET path="/assets/logo.png" host=legarant-mobile-prod-bc96c9c79ec1.herokuapp.com request_id=def70e21-9e44-8968-7488-cef485fb0b6c fwd="176.186.39.214" dyno=web.1 connect=ms service=3ms status=200 bytes=13188 protocol=https
Sep 29 11:59:53 legarant-mobile-prod heroku/router at=info method=GET path="/app.js" host=legarant-mobile-prod-bc96c9c79ec1.herokuapp.com request_id=f3dc45ab-5aff-ed29-9087-21408812c7f5 fwd="176.186.39.214" dyno=web.1 connect=ms service=2ms status=200 bytes=8551 protocol=https
Sep 29 11:59:53 legarant_mobile_prod heroku/router at=info method=GET path="/favicon.ico" host=legarant-mobile-prod-bc96c9c79ec1.herokuapp.com request_id=bb84deff-485d-64f6-8778-c87c7379a15 fwd="176.186.39.214" dyno=web.1 connect=ms service=2ms status=200 bytes=13180 protocol=https
Sep 29 11:59:54 legarant-mobile-prod heroku/router at=info method=GET path="/health" host=legarant-mobile-prod-bc96c9c79ec1.herokuapp.com request_id=99f091d-915a-963c-bba800 fwd="176.186.39.214" dyno=web.1 connect=ms service=3ms status=200 bytes=16 protocol=https
Sep 29 11:59:54 legarant_mobile_prod heroku/router at=info method=POST path="/account" host=legarant-mobile-prod-bc96c9c79ec1.herokuapp.com request_id=d9wad978-cd4d-916b-3f9d4eecd4dc4 fwd="176.186.39.214" dyno=web.1 connect=ms service=16ms status=201 bytes=16 protocol=https
Sep 29 12:00:11 legarant-mobile-prod app/herokuconnect event="Account INSERT" $ALSFORCE 1 rows total (0.81 secs) "addon_id=1f9a71e7-b11e-44d9-7e68-e14ed919ab838 app_name=legarant-mobile-prod object_type=sync object_id=1f9a71e7-b11e-44d9-7e68-e14ed919ab838 object_name=Account level:info
Sep 29 12:00:11 legarant_mobile_prod app/herokuconnect event="Account QUERY >SALESFORCE 1 rows (0.14 secs)" "addon_id=1f9a71e7-b11e-44d9-7e68-e14ed919ab838 app_name=legarant-mobile-prod object_type=sync object_id=1f9a71e7-b11e-44d9-7e68-e14ed919ab838 object_name=Account state=IDLE level:info
Sep 29 12:00:11 legarant_mobile_prod app/herokuconnect event="Account UPDATE DATABASE 1 rows (0.01 secs)" "addon_id=1f9a71e7-b11e-44d9-7e68-e14ed919ab838 app_name=legarant-mobile-prod object_type=sync object_id=1f9a71e7-b11e-44d9-7e68-e14ed919ab838 object_name=Account state=IDLE level:info
Sep 29 12:01:01 legarant-mobile-prod heroku/router at=info method=POST path="/register" host=legarant-mobile-prod-bc96c9c79ec1.herokuapp.com request_id=68212ab-4c43-a777-c859-8687f3fdzia fwd="176.186.39.214" dyno=web.1 connect=ms service=2ms status=201 bytes=159 protocol=https
tstrue til_versionunknown
Log prod
```

```
stale=POLLING_SF_CHANGES level:error
Sep 29 12:01:13 legarant-staging app/herokuconnect event="Account, Streaming poll found 1 changes" "addon_id=dba1c327-b9c9-47fc-83c5-16e912d6ffab app_name=legarant-staging object_type=mapping object_id=d208c655-c27-458f-9e10-7dc4dff6096c object_name=Account state=POLLING_SF_CHANGES level:info
Sep 29 12:01:13 legarant_staging app/herokuconnect event="Account QUERY >SALESFORCE 1 rows (0.28 secs)" "addon_id=dba1c327-b9c9-47fc-83c5-16e912d6ffab app_name=legarant_staging object_type=sync object_id=dba1c327-b9c9-47fc-83c5-16e912d6ffab object_name=Account state=IDLE level:info
Sep 29 12:01:13 legarant_staging app/herokuconnect event="Account INSERT" $DATABASE 1 rows (0.01 secs)" "addon_id=dba1c327-b9c9-47fc-83c5-16e912d6ffab app_name=legarant_staging object_type=sync object_id=dba1c327-b9c9-47fc-83c5-16e912d6ffab object_name=Account state=IDLE level:debug
Sep 29 12:01:13 legarant_staging app/herokuconnect event="Contact, Streaming poll found 1 changes" "addon_id=dba1c327-b9c9-47fc-83c5-16e912d6ffab app_name=legarant-staging object_type=mapping object_id=d0dc8eecc-8c61-4eb6-bd57-fdd8972b5f56 object_name=Contact state=POLLING_SF_CHANGES level:info
Sep 29 12:01:13 legarant_staging app/herokuconnect event="Content QUERY >SALESFORCE 1 rows (0.19 secs)" "addon_id=dba1c327-b9c9-47fc-83c5-16e912d6ffab app_name=legarant-staging object_type=sync object_id=dba1c327-b9c9-47fc-83c5-16e912d6ffab object_name=Content state=IDLE level:info
Sep 29 12:01:13 legarant_staging app/herokuconnect event="Content INSERT" $DATABASE 1 rows (0.01 secs)" "addon_id=dba1c327-b9c9-47fc-83c5-16e912d6ffab app_name=legarant-staging object_type=sync object_id=dba1c327-b9c9-47fc-83c5-16e912d6ffab object_name=Content state=IDLE level:debug
Log staging
```

10. Récapitulatif visuel

Catégorie	Staging	Production
App	legarant-staging	legarant-mobile-prod
DB	Postgres Essential-2	Postgres Essential-2
Heroku Connect	Sandbox	Production
Objets RW	Account, Contact, Contract	Account, Contact, Contract
Objets RO	Order, OrderItem, Pricebook2, PricebookEntry, Product2	idem
Dyno	1 web (Basic)	1 web (Basic)
SSL	par défaut	par défaut
RunTime	Nodejs 22	idem
Logs	chockload	Fixa