

Volt MXによるモバイルアプリ開発 はじめの一步 Step 4

Create Services for Back-end Data
バックエンドデータのサービスを作成

このコースの前提条件

Step 3. Add Authentication (認証の追加)

の終了後に、このコースを開始して下さい。

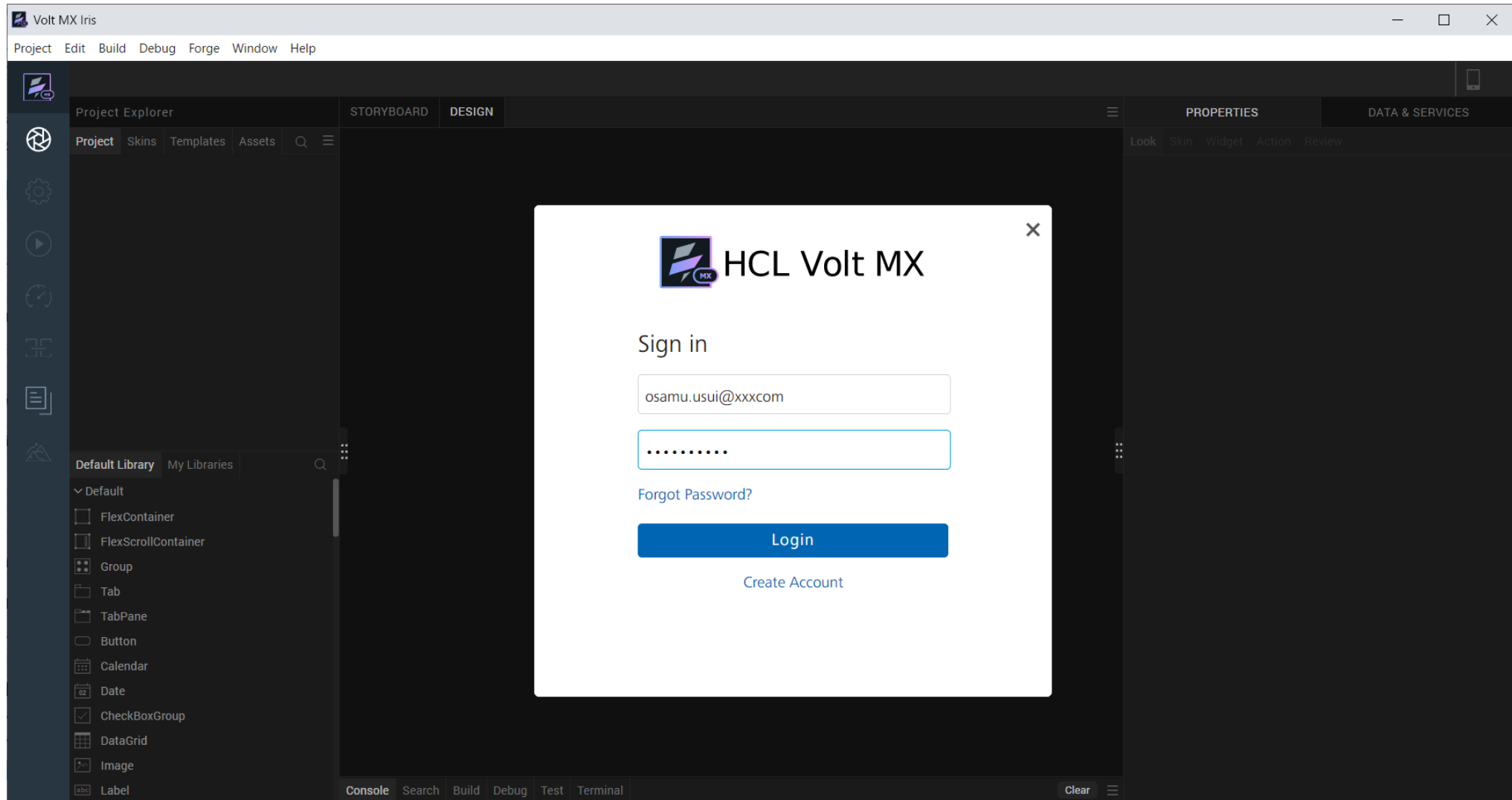
このコースの内容

アカウントと受信者の Storage Object Services を作成し、設定する。

Volt MX Iris

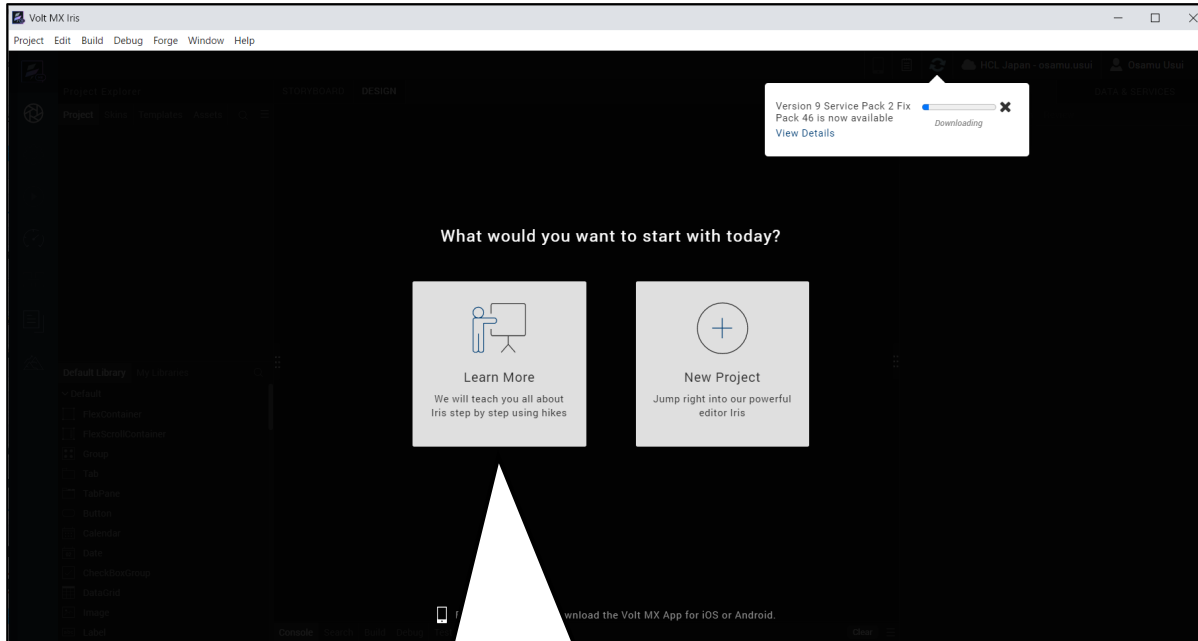
Create Services for Back-end Data
バックエンドデータのサービスを作成

Volt MX Irisを起動し、テストアカウントでログイン

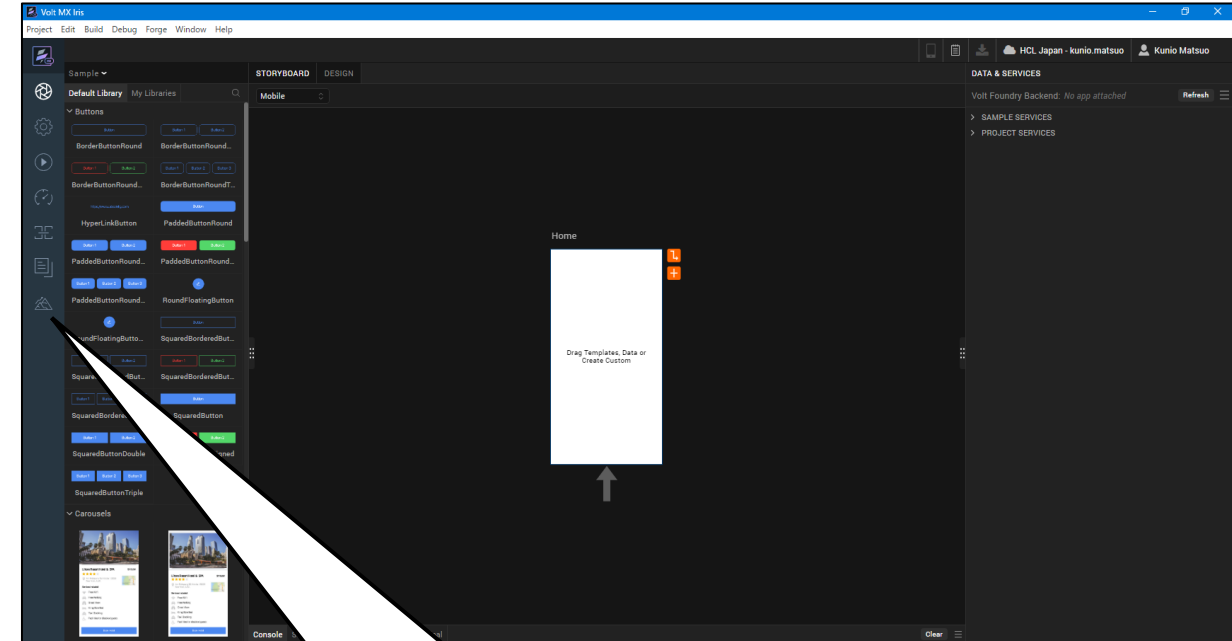


Learn More を選択して、Hike (チュートリアル) を起動

環境により起動直後の画面が異なる場合があります。いずれかの方法でHikeを起動します。



Learn More をクリック



左側メニューの一番下の
アイコンをクリック

Create Services for Back-end Data (バックエンドデータのサービスを作成)

The screenshot displays the Volt MX Iris IDE interface. The main workspace shows a search bar and a grid of tutorial cards under the heading "BUILD YOUR FIRST MOBILE APP". The card titled "Creating Services for the Back-end Data" is highlighted with a red border. The interface includes a menu bar (Project, Edit, Build, Debug, Forge, Window, Help), a toolbar with various icons, and a sidebar with a "Default Library" containing components like FlexContainer, FlexScrollView, Group, Tab, TabPane, Button, Calendar, Date, CheckBox, DataGrid, Image, and Label. The bottom status bar shows "Console Search Build Debug Test Terminal" and a "Clear" button.

CREATE SERVICES FOR THE BACK-END DATA

11 Steps / 10 Mins

Launch your First Mobile App
Open a native mobile app and preview it on your mobile device.
11 Steps / 11 Mins

Create UI from Collections
Create the user interface for an app with Volt MX Iris
19 Steps / 20 Mins

Add Authentication
Secure an app's data with a user-authentication mechanism.
16 Steps / 15 Mins

Connect App UI to Data
Connect App UI to the data.
18 Steps / 20 Mins

Creating Details Screen and Delete Recipient
Creating Details Screen and Add Delete Recipients
38 Steps / 37 Mins

Add Create Recipient
Add the capability to create a new recipient.
34 Steps / 32 Mins

Add Edit Recipient
Add the capability to edit the details of a recipient.
37 Steps / 36 Mins

Publish and Share the App
Use the Volt MX App to preview the Recipients app on a mobile device.
7 Steps / 10 Mins

Test Recorder
Learn to use the Test Recorder on a native app
18 Steps / 20 Mins

Publish App to Enterprise Store
Learn how to publish an app to an Enterprise App store
7 Steps / 10 Mins

Create Services for Back-end Data

The screenshot displays the Volt MX Iris IDE interface. The main workspace shows a tutorial titled "HIKES / Creating Services for the Back-end Data". The tutorial content includes:

- Hike Version:** 1.0
- Create services for the back-end data**
- Platform Version:** Iris 9.0
- Categories:** Build Your First Mobile App
- 11 Steps - 10 Mins**
- Description:** This learning module is a Volt MX HIKE. A HIKE is an interactive tour inside Volt MX Iris that guides you through step-by-step process of each module. You can access the HIKES catalog by clicking the Hike icon in the Iris toolbar.
- Learn how to:**
 - Create and configure Storage Object Services **Accounts** and **Recipients**.
 - Publish the Project Services to a run-time server.
- Instruction:** Please follow all instructions on hike to successfully complete the tutorial.

A blue "START" button is located at the bottom right of the tutorial content. A white speech bubble with the word "START" in black text points to this button.

(1/11) Create Services for Back-end Data

これはチュートリアル of 翻訳です
作業手順は次頁を参照してください

Create Services for Back-end Data

In this hike, we will:

- Create and configure Storage Object Services Accounts and Recipients.
- Publish the Project Services to a run-time server.

Ensure that you open the same project that you have created in the hikes 2 above.

To open a closed project, from the main menu, navigate to **Project > Open > HCL Reference Architecture > RecipientsMobApp**.

Ensure that you download and extract the [RecipientsData.zip](#) file. Note the location of the extracted files.

バックエンドデータのサービスを作成する

このハイキングでは、次のことを行います。

- ストレージオブジェクトサービスアカウントと受信者を作成し、設定する。
- プロジェクトサービスをランタイムサーバーに公開する。

上記のハイク2で作成したプロジェクトと同じものを開いていることを確認してください。

閉じたプロジェクトを開くには、メインメニューから、

Project > Open > HCL Reference Architecture > RecipientsMobApp に移動します。

[RecipientsData.zip](#) ファイルをダウンロードし、解凍したことを確認します。解凍したファイルの場所をメモしておきます。

準備ができれば、Start ! をクリックします。

When you are ready, click Start!

Create Services for Back-end Data

The screenshot shows the Volt MX Iris IDE interface. A dialog box titled "Create Services for Back-end Data" is open, displaying the following content:

Create Services for Back-end Data

In this hike, we will:

- Create and configure Storage Object Services Accounts and Recipients.
- Publish the Project Services to a run-time server.

Before you get started, complete the following hikes:

1. [Launch your First Mobile App](#)
2. [Create UI from Collections](#)
3. [Add Authentication to the App](#)

Ensure that you open the same project that you have created in the hikes 2 above. To open a closed project, from the main menu, navigate to **Project > Open > HCL Reference Architecture > RecipientsMobApp**.

Ensure that you download and extract the [RecipientsData.zip](#) file. Note the location of the extracted files.

When you are ready, click Start!

1/11 Start

The background shows the IDE with a project named "RecipientsMobApp" open. The design view displays a mobile app interface with a list of accounts. The left sidebar shows the project structure, and the right sidebar shows the "DATA & SERVICES" panel with options to "Configure New" or "Use Existing" services.

[RecipientsData.zip](#)
をクリックして
zipファイルをダウンロード



<https://github.com/HCL-TECH-SOFTWARE/volt-mx-tutorials/raw/master/public/samples/RecipientsData.zip>

データ登録用のCSVファイルをダウンロードして解凍

<https://github.com/HCL-TECH-SOFTWARE/volt-mx-tutorials/raw/master/public/samples/RecipientsData.zip>

名前	更新日時	種類	サイズ
 RecipientsData.zip	2022/08/18 11:04	圧縮 (zip 形式) フォ...	17 KB

ta > RecipientsData > RecipientsData

名前	更新日時	種類	サイズ
 .DS_Store	2022/08/18 11:05	DS_STORE ファイル	7 KB
 Accounts.xls	2022/08/18 11:05	Microsoft Excel 97...	26 KB
 Accounts.zip	2022/08/18 11:05	圧縮 (zip 形式) フォ...	1 KB
 Recipients.xls	2022/08/18 11:05	Microsoft Excel 97...	26 KB
 Recipients.zip	2022/08/18 11:05	圧縮 (zip 形式) フォ...	1 KB

解凍して
おく

(2/11) Create a New Service

これはチュートリアルの翻訳です
作業手順は次頁を参照してください

Create a New Service

1. From the **Data & Services** panel, expand **Project Services**.
2. Click **Configure New**.
3. Under the **Data Storage** section, select **Import Excel File**. User must login to Foundry Account, before proceeding this step. Iris may take some time to open the **Edit Object Service** window.
4. In the **Import File dialog** box, drag the **Accounts.xls** file from the extracted files.
5. After the file is uploaded, click **Next**.
6. Ensure that **Accounts** is selected under **Excel Sheet Name**, and then click **Import**.
7. Click **Done** and wait for the **Object(s) Saved Successfully** advisory message before proceeding to the next step.

The **Data Model** configuration window appears.

新規サービスの作成

1. [Data & Services]パネルから、**Project Services**を展開します。
2. [Configure New]をクリックします。
3. [Data Storage] セクションで、[Import Excel File] を選択します。この手順を実行する前に、Foundryアカウントにログインする必要があります。
Iris は、[Edit Object Service] ウィンドウを開くのに時間がかかる場合があります。
4. [Import File] ダイアログボックスで、解凍したファイルから **Accounts.xls** ファイルをドラッグします。
5. ファイルがアップロードされたら、[Next]をクリックします。
6. [Excel Sheet Name] で [Accounts] が選択されていることを確認し、[Import] をクリックします。
7. [Done] をクリックし、**Object(s) Saved Successfully** というアドバイザリーメッセージが表示されるまで待ってから、次のステップに進みます。

データモデル設定ウィンドウが表示されます。

新規のサービスを作成

The screenshot shows the Volt MX Iris interface with the 'Data & Services' panel open. The 'Project Services' section is expanded, showing 'Configure New' and 'Use Existing' options. A dialog box titled 'Create a New Service' is displayed, providing instructions for importing data from an Excel file. The dialog includes a list of steps and navigation buttons ('Previous', 'Next').

① Data & Services > Project Services を展開

② Configure New をクリック

Name	Amount
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350

Import Excel Fileを選択

The screenshot shows the Volt MX Iris IDE interface. The 'DATA & SERVICES' panel is open, and the 'DATA STORAGE' section is expanded. The 'Import Excel File' option is highlighted. A callout box points to this option with the text: **Data Storage セクションで、Import Excel File を選択**.

Below the callout box, there is a text box with the following text: **時間がかかる場合があります**

Accounts.xlsをドラッグ&ドロップ

**解凍したファイルか
Accounts.xls
をドラッグ&ドロップ**

1. From the **Data & Services** panel, expand **Project Services**.
2. Click **Configure New**.
3. Under the **Data Storage** section, click **Import Excel File**. User will be prompted to select the **Accounts.xls** file from the extracted files.
4. After the file is uploaded, click **Next**.
5. Ensure that **Accounts** is selected under **Excel Sheet Name**, and then click **Import**.
6. Click **Done** and wait for the **Object(s) Saved Successfully** advisory message before proceeding to the next step.

The **Data Model** configuration window appears.

Previous 2/11 **Next**

Note:

- You can import files in XLS format
- Supported Excel version is 97/2000/XP/2003 and above
- Maximum number of sheets that can be imported: 15
- Maximum size of Excel workbook that can be imported: 3MB
- Maximum number of columns in sheet that can be imported: 50

名前	更新日時	種類	サイズ
.DS_Store	2022/08/18 11:05	DS_STORE ファイル	7 KB
Accounts.xls	2022/08/18 11:05	Microsoft Excel 97...	26 KB
Accounts.zip	2022/08/18 11:05	圧縮 (zip 形式) フォ...	1 KB
Recipients.xls	2022/08/18 11:05	Microsoft Excel 97...	26 KB
Recipients.zip	2022/08/18 11:05	圧縮 (zip 形式) フォ...	1 KB

アップロードされたら Next

The screenshot shows the Volt MX Iris IDE interface. The 'Import File' dialog box is open, displaying a success message: 'Uploaded Successfully. Accounts.xls'. Below the message, there is a 'Note' section with the following details:

- You can import files in XLS format
- Supported Excel version is 97/2000/XP/2003 and above
- Maximum number of sheets that can be imported: 15
- Maximum size of Excel workbook that can be imported: 3MB
- Maximum number of columns in sheet that can be imported: 50

At the bottom of the dialog, there are 'CANCEL' and 'NEXT' buttons. A callout box with the text 'Next' points to the 'NEXT' button. Another callout box on the right, titled 'Create a New Service', provides a 7-step guide:

- From the **Data & Services** panel, expand **Project Services**.
- Click **Configure New**.
- Under the **Data Storage** section, select **Import Excel File**. User must login to Foundry Account, before proceeding this step. Iris may take some time to open the **Edit Object Service** window.
- In the **Import File** dialog box, drag the **Accounts.xls** file from the extracted files.
- After the file is uploaded, click **Next**.
- Ensure that **Accounts** is selected under **Excel Sheet Name**, and then click **Import**.
- Click **Done** and wait for the **Object(s) Saved Successfully** advisory message before proceeding to the next step.

At the bottom of this callout box, there are 'Previous', '2/11', and 'Next' buttons.

Excel Sheet Nameを確認して Import

The screenshot shows the Volt MX Iris IDE interface. The 'Import File' dialog box is open, displaying the filename 'Accounts.xls'. A table within the dialog shows the mapping between the Excel sheet name and the data model object name:

<input checked="" type="checkbox"/> EXCEL SHEET NAME	DATA MODEL OBJECT NAME
<input checked="" type="checkbox"/> Accounts	Accounts

Below the table are 'BACK', 'CANCEL', and 'IMPORT' buttons. A callout box points to the 'Accounts' row with the text: "Accounts"であることを確認. Another callout box points to the 'IMPORT' button with the text: Import. On the right, a 'Create a New Service' advisory message is displayed, providing a 7-step guide for importing an Excel file. The message includes a 'Previous' button, a '2/11' indicator, and a 'Next' button.

"Accounts"
であることを確認

Import

Create a New Service

1. From the Data & Services panel, expand Project Services.
2. Click Configure New.
3. Under the Data Storage section, select Import Excel File. User must login to Foundry Account, before proceeding this step. Iris may take some time to open the Edit Object Service window.
4. In the Import File dialog box, drag the Accounts.xls file from the extracted files.
5. After the file is uploaded, click Next.
6. Ensure that Accounts is selected under Excel Sheet Name, and then click Import.
7. Click Done and wait for the Object(s) Saved Successfully advisory message before proceeding to the next step.

The Data Model configuration window appears.

Previous 2/11 Next

インポートが成功したら Done

The screenshot shows the Volt MX Iris application interface. The 'Import File' dialog box is open, displaying the following message:

Import File

- 1 out of 1 selected Excel Sheet(s) successfully imported as Data Object(s).
- A primary key named "SeqNo" was added for each object.
- Every non-primary key field data type is string by default. Please modify the primary key configuration and/or update field data types before publishing the service.

A blue 'DONE' button is visible at the bottom right of the dialog box. A white callout box with the word 'Done' in bold black text points to this button.

On the right side of the interface, the 'DATA & SERVICES' panel is visible, showing a 'Refresh' button with a green arrow pointing up. Below it, a 'Create a New Service' guide is displayed, providing a 7-step process for importing an Excel file and creating a service.

Create a New Service

1. From the **Data & Services** panel, expand **Project Services**.
2. Click **Configure New**.
3. Under the **Data Storage** section, select **Import Excel File**. User must login to Foundry Account, before proceeding this step. Iris may take some time to open the **Edit Object Service** window.
4. In the **Import File** dialog box, drag the **Accounts.xls** file from the extracted files.
5. After the file is uploaded, click **Next**.
6. Ensure that **Accounts** is selected under **Excel Sheet Name**, and then click **Import**.
7. Click **Done** and wait for the **Object(s) Saved Successfully** advisory message before proceeding to the next step.

The **Data Model** configuration window appears.

Navigation buttons: **Previous** (2/11) **Next**

Data Model を設定する画面が開きます

Edit Object Service
ObjSvcExcelInRecipientsMobApp / Configure

Search by Object name

Data Model

- Accounts

NAME	MODIFIED BY	MODIFIED ON
Accounts	Osamu Usui	18 Aug 2022 02:28 UTC

Create a New Service

1. From the Data & Services panel, expand **Project Services**.
2. Click **Configure New**.
3. Under the **Data Storage** section, select **Import Excel File**. User must login to Foundry Account, before proceeding this step. Iris may take some time to open the **Edit Object Service** window.
4. In the **Import File** dialog box, drag the **Accounts.xls** file from the extracted files.
5. After the file is uploaded, click **Next**.
6. Ensure that **Accounts** is selected under **Excel Sheet Name**, and then click **Import**.
7. Click **Done** and wait for the **Object(s) Saved Successfully** advisory message before proceeding to the next step.

The **Data Model** configuration window appears.

Previous 2/11 Next

(3/11) Configure the Data Model

これはチュートリアル of 翻訳です
作業手順は次頁を参照してください

Configure the Data Model

1. From the left pane select the **Data Model** tab.
2. Under the **Data Model** tab, expand **Data Model > Accounts > Fields**, and select **AccountNumber**.
3. In the right pane, modify the following values.
 - Primary Key: **True**
4. Scroll down to the bottom and click **Save**.
5. Expand **Data Model > Accounts > Fields**, and select **AccountName**.
6. In the right pane, modify the following value.
 - Max Length: **30**
7. Scroll down to the bottom and click **Save** and wait for the **Object Saved Successfully** advisory message before proceeding to the next step.

データモデルを設定する

1. 左ペインから [**Data Model**] タブを選択します。
2. [**Data Model**] タブで、 **Data Model > Accounts > Fields** を展開し、 [**AccountNumber**] を選択します。
3. 右側のペインで、以下の値を変更します。
 - Primary Key: **True**
4. 下へスクロールし、 [**Save**] をクリックします。
5. [**Data Model**] タブで、 **Data Model > Accounts > Fields** を展開し、 [**AccountName**] を選択します。
6. 右側のペインで、次の値を変更します。
 - Max Length: **30**
7. 下までスクロールして [**Save**] をクリックし、 [**Object Saved Successfully**] というアドバイザリーメッセージが表示されるのを待ってから次のステップに進みます。

AccountNumber の Primary Key を True に設定

The screenshot shows the VoIt MX Iris IDE interface. The 'Edit Object Service' dialog is open, displaying the 'Configure' tab for 'ObjSvcExcellnRecipientsMobAp'. The 'Data Model' tab is selected, and the 'Accounts' > 'Fields' path is expanded, with 'AccountNumber' selected. The 'Primary key' property is set to 'true'. A callout box points to this setting with the text '② Primary Key を True に設定'. Another callout box on the left points to the navigation path in the left pane with the text '① [Data Model] タブで、Data Model > Accounts > Fields > AccountNumber を選択'. A 'Configure the Data Model' dialog is also visible in the bottom right, providing instructions for the configuration steps.

NAME	VALUE
Name ?	AccountNumber
Unique	false
Type	string
Primary key	true
Nullable	true
Max Length	10
Autogenerated	false

① [Data Model] タブで、Data Model > Accounts > Fields > AccountNumber を選択

② Primary Key を True に設定

Configure the Data Model

1. From the left pane select the Data Model tab.
2. Under the Data Model tab, expand Data Model > Accounts > Fields, and select AccountNumber.
3. In the right pane, modify the following values.
4. Scroll down to the bottom and click Save.
5. Expand Data Model > Accounts > Fields, and select AccountName.
6. In the right pane, modify the following value.
 - o Max Length: 30
7. Scroll down to the bottom and click Save and wait for the Object Saved Successfully advisory message before proceeding to the next step.

Previous 3/11 Next

下にスクロールして Save

The screenshot shows the Volt MX Iris IDE interface. The 'Edit Object Service' dialog is open, displaying a list of properties on the left and a form on the right. The properties listed are: LastUpdatedDateTime, SoftDeleteFlag, Relationships, and Indexes. The form fields are: Max Length (10), Autogenerated (false), Creatable (true), Updatable (true), and Precision (Not specified). At the bottom of the dialog, there are 'ADD', 'CANCEL', and 'SAVE' buttons. A callout box with the text 'Save' points to the 'SAVE' button.

AccountNameの Max Lengthを 30 に設定

The screenshot shows the Volt MX Iris IDE interface. The 'Edit Object Service' dialog is open, displaying the configuration for the 'AccountName' field. The 'Data Model' tab is selected, and the 'Accounts' > 'Fields' > 'AccountName' path is highlighted in the left sidebar. The 'Max Length' property is set to 30. A speech bubble points to the 'Max Length' field, and another points to the value '30'.

NAME	VALUE
Name ?	AccountName
Unique	false
Type	string
Primary key	false
Nullable	true
Max Length	30
Autogenerated	false

[Data Model] タブで、
Data Model >
Accounts >
Fields >
AccountName
を選択

Max Lengthを
30に設定

Saveして次のステップへ（画面はこのまま）

The screenshot shows the Volt MX Iris IDE interface. A dialog box titled "Edit Object Service" is open, displaying the following configuration:

Property	Value
Max Length	30
Autogenerated	false
Creatable	true
Updatable	true
Precision	Not specified

A callout box with the text "Save" points to the "SAVE" button in the dialog. Below the dialog, a green notification bar displays "Object Saved Successfully".

画面はこのままで次のステップへ

(4/11) Configure the Data Model

これはチュートリアル of 翻訳です
作業手順は次頁を参照してください

Configure the Data Model

1. Under **Data Model**, navigate to **Accounts** and select **Fields**.
2. Select the check-box for **SeqNo**, and then click **Delete**.
3. In the **Delete Fields** dialog box, click **Delete**.
4. Click **Save** and wait for the **Object Saved Successfully** advisory message before proceeding to the next step.

データモデルを設定する

1. [Data Model]の[Accounts]に移動し、[Fields]を選択します。
2. [SeqNo]のチェックボックスを選択し、Delete をクリックします。
3. [Delete Fields] ダイアログボックスで、[Delete] をクリックします。
4. [Save]をクリックし、Object Saved Successfullyのアドバイザリーメッセージが表示されるまで待ってから次のステップに進みます。

SeqNoフィールドを削除

① [Data Model] タブで、Data Model > Accounts > Fields > を選択

② SeqNo にチェック

③ Delete をクリック

Configure the Data Model

1. Under Data Model, navigate to Accounts and select Fields.
2. Select the check-box for SeqNo, and then click Delete.
3. In the Delete Fields dialog box, click Delete.
4. Click Save and wait for the Object Saved Successfully advisory message before proceeding to the next step.

NAME ?	TYPE	PRIMARY KEY	DETAILS ?
<input type="checkbox"/> CreatedBy	string	false	
<input type="checkbox"/> LastUpdatedBy	string	false	
<input type="checkbox"/> CreatedDateTime	date	false	
<input type="checkbox"/> LastUpdatedDateTime	date	false	
<input type="checkbox"/> SoftDeleteFlag	boolean	false	
<input checked="" type="checkbox"/> SeqNo	number	TRUE	
<input type="checkbox"/> AccountNumber	string	TRUE	
<input type="checkbox"/> Balance	string		
<input type="checkbox"/>	string		

Delete Fieldsの警告ダイアログで Delete

The screenshot shows the Volt MX Iris IDE interface. The main window displays the 'Edit Object Service' dialog for 'ObjSvcExcellnRecipientsMobAp / Configure'. The 'Data Model' tab is active, showing a list of fields under 'Accounts'.

A 'Delete Fields' warning dialog is displayed in the center, with the following text:

Delete Fields
Deletion of Fields will change the Storage backend configuration immediately and lead to loss of related data on publish. Are you sure you want to continue?

Buttons: CANCEL, Delete

A speech bubble labeled 'Delete' points to the 'Delete' button in the warning dialog.

A 'Configure the Data Model' dialog is also visible, providing instructions:

Configure the Data Model

1. Under Data Model, navigate to Accounts and select Fields.
2. Select the check-box for SeqNo, and then click Delete.
3. In the Delete Fields dialog box, click Delete.
4. Click Save and wait for the Object Saved Successfully advisory message before proceeding to the next step.

Buttons: Previous, 4/11, Next

The background shows the 'Data Model' table with the following columns: NAME, TYPE, PRIMARY KEY, and DETAILS. The 'SeqNo' field is selected with a checkmark.

NAME	TYPE	PRIMARY KEY	DETAILS
CreatedBy	string	false	
LastUpdatedBy	string	false	
CreatedDateTime	date	false	
LastUpdatedDateTime	date	false	
SoftDeleteFlag	boolean	false	
<input checked="" type="checkbox"/> SeqNo	number	TRUE	
AccountNumber	string	TRUE	
Balance	string		
AccountName	string		

Saveして次のステップへ（画面はこのまま）

The screenshot shows the Volt MX Iris IDE interface. The main window displays the 'Edit Object Service' dialog for 'ObjSvcExcellnRecipientsMobApp / Configure'. The 'Data Model' tab is selected, showing a table of fields with columns for NAME, TYPE, PRIMARY KEY, and DETAILS. A 'Save' callout box points to the 'SAVE' button at the bottom right. A 'Configure the Data Model' dialog box is also visible, providing instructions for field configuration.

NAME ?	TYPE	PRIMARY KEY	DETAILS ?
<input type="checkbox"/> CreatedBy	string	false	
<input type="checkbox"/> LastUpdatedBy	string	false	
<input type="checkbox"/> CreatedDateTime	date	false	
<input type="checkbox"/> LastUpdatedDateTime	date	false	
<input type="checkbox"/> SoftDeleteFlag	boolean	false	
<input type="checkbox"/> AccountNumber	string	TRUE	
<input type="checkbox"/>	string		
<input type="checkbox"/>	string		

Save

Configure the Data Model

- Under Data Model, navigate to Accounts and select Fields.
- Select the check-box for SeqNo, and then click Delete.
- In the Delete Fields dialog box, click Delete.
- Click Save and wait for the Object Saved Successfully advisory message before proceeding to the next step.

Previous 4/11 Next

SAVE

画面はこのままで次のステップへ

(5/11) Configure the Account Service

これはチュートリアル of 翻訳です
作業手順は次頁を参照してください

Configure the Account Service

1. From the top-left corner of the window, click the service name.
2. In the **Name** box, type **AccountStorage1**.
3. Under **Sample Data**, drag the **Accounts.zip** file from the extracted files.
4. Click **Save** and wait for the **Service saved successfully** advisory message before proceeding to the next step.
5. Close the **Edit Object Service window**. It may take some time for Iris to add the service to the **Project Services** section.

アカウントサービスを設定する

1. ウィンドウの左上隅から、サービス名をクリックします。
2. **[Name]** ボックスに、**[AccountStorage1]** と入力します。
3. **[Sample Data]** で、解凍したファイルから **[Accounts.zip]** ファイルをドラッグします。
4. **[Save]** をクリックし、**[Service saved successfully]** というアドバイザリーメッセージが表示されるのを待ってから次のステップに進みます。
5. **[Edit Object Service (オブジェクトサービスの編集)]** ウィンドウを閉じます。Iris がサービスをプロジェクト サービス セクションに追加するまで、しばらく時間がかかる場合があります。

画面左上のサービス名をクリック

サービス名をクリック
(ObjSvcExcelInRecipientsMobAp など)

NAME ?	TYPE	PRIMARY KEY	DETAILS ?
CreatedBy	string	false	
LastUpdatedBy	string	false	
CreatedDateTime	date	false	
UpdatedDateTime	date	false	
	boolean	false	
	string		<input checked="" type="checkbox"/>
	string		<input type="checkbox"/>
	string		<input type="checkbox"/>

Configure the Account Service

1. From the top-left corner of the window, click the service name.
2. In the Name box, type AccountStorage1.
3. Under **Sample Data**, drag the Accounts.zip file from the extracted files.
4. Click **Save** and wait for the **Service saved successfully** advisory message before proceeding to the next step.
5. Close the **Edit Object Service** window. It may take some time for Iris to add the service to the **Project Services** section.

Previous 5/11 Next

アカウントサービスの名前を変更

Nameに AccountStorage1 と入力

Configure the Account Service

1. From the top-left corner of the window, click the service name.
2. In the **Name** box, type **AccountStorage1**.
3. Under **Sample Data**, drag the **Accounts.zip** file from the extracted files.
4. Click **Save** and wait for the **Service saved successfully** advisory message before proceeding to the next step.
5. Close the **Edit Object Service** window. It may take some time for Iris to add the service to the **Project Services** section.

Accounts.zipをドラッグしてアップロード

解凍したファイルから Accounts.zip を Sample Data にドラッグ&ドロップ

Save the Account Service

1. From the top-left corner of the window, click the service name.
2. In the Name box, type AccountStorage1.
3. Under Sample Data, drag the Accounts.zip file from the extracted files.
4. Click Save and wait for the Service saved successfully advisory message before proceeding to the next step.
5. Close the Edit Object Service window. It may take some time for Iris to add the service to the Project Services section.

Save して、アップロードが成功したら Closeします

AccountStorage1*

Name* AccountStorage1

Endpoint Type Data Storage

MetaData Security Level ? Authenticated App Users

Version 1.0

Offline enabled ?
Select the checkbox to set the Conflict Resolution Policy

Identity Service for Backend Token ? None

Sample Data ? Accounts.zip

Download Template

Delete Strategy
 Hard Delete Soft Delete

> Advanced

Description

1. From the...
2. In the Nar...
3. Under Sar...
4. Click Save and wait for the Service saved successfully advisory message before proceeding to the next step.
5. Close the Edit Object Service window. It may take some time for Iris to add the service to the Project Services section.

Previous 5/11 Next

CLOSE SAVE SAVE & CONFIGURE

② Close

① Save

Project Servicesに AccountStorage1 が追加されました

The screenshot shows the Volt MX Iris IDE interface. The central canvas displays a mobile application screen with a table of accounts. The table has the following data:

Name	Amount
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350

The right-hand side of the IDE shows the 'DATA & SERVICES' panel. Under 'PROJECT SERVICES', 'AccountStorage1' is listed. A callout bubble points to this service with the text: **AccountStorage1 が追加されています**.

A configuration dialog box titled 'Configure the Account Service' is open, displaying the following instructions:

1. From the top-left corner of the window, click the service name.
2. In the Name box, type AccountStorage1.
3. Under Sample Data, drag the Accounts.zip file from the extracted files.
4. Click Save and wait for the Service saved successfully advisory message before proceeding to the next step.
5. Close the Edit Object Service window. It may take some time for Iris to add the service to the Project Services section.

The dialog box also shows 'Previous' and 'Next' buttons, and a progress indicator '5/11'.

(6/11) Create a New Service

これはチュートリアルの翻訳です
作業手順は次頁を参照してください

Create a New Service

1. From the **Data & Services** panel, expand **Project Services**.
2. Click **Configure New**.
3. Under the **Data Storage** section, select **Import Excel File**.
Iris may take some time to open the **Edit Object Service** window.
4. In the **Import File dialog** box, drag the **Recipients.xls** file from the extracted files.
5. After the file is uploaded, click **Next**.
6. Ensure that **Recipients** is selected under **Excel Sheet Name**, and then click **Import**.
7. Click **Done** and wait for the **Object(s) Saved Successfully** advisory message before proceeding to the next step.

新規サービスの作成

1. [Data & Services]パネルから、**Project Services**を展開します。
2. [Configure New]をクリックします。
3. [Data Storage] セクションで、[Import Excel File]を選択します。
Iris は、[Edit Object Service] ウィンドウを開くのに時間がかかる場合があります。
4. [Import File] ダイアログボックスで、解凍したファイルから **Recipients.xls** ファイルをドラッグします。
5. ファイルがアップロードされたら、[Next]をクリックします。
6. [Excel Sheet Name] で [Recipients] が選択されていることを確認し、[Import] をクリックします。
7. [Done] をクリックし、**Object(s) Saved Successfully** というアドバイザリーメッセージが表示されるまで待つてから、次のステップに進みます。

新規のサービスを作成

The screenshot shows the Volt MX Iris IDE interface. The 'Data & Services' panel on the right is expanded to 'Project Services', where 'Configure New' is highlighted with a green arrow. A callout box points to this button with the text '② Configure New をクリック'. Another callout box points to the 'Data & Services > Project Services' section with the text '① Data & Services > Project Services を展開'. Below the callouts, a list of steps for creating a new service is visible, including instructions on importing an Excel file. The central mobile app preview shows a table with the following data:

ACCOUNTS	
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350

The bottom of the mobile app preview shows a navigation bar with 'Accounts', 'Recipients', 'Transfers', and 'More' options.

Import Excel Fileを選択

The screenshot shows the Volt MX Iris IDE interface. The 'DATA STORAGE' section is expanded, and the 'Import Excel File' option is highlighted. A callout box points to this option with the text: **Data Storage セクションで、Import Excel Fileを選択**.

Another callout box points to the 'Create a New Service' dialog, which contains the following instructions:

```

1. From the Data & Services panel, expand project Services.
2. Click Configure New.
3. Under the Data Storage section, select Import Excel File.
4. This may take some time to open the Edit Object Service window.
5. In the Import File window, drag the recipients.xls file from the extracted files.
6. After the file is uploaded, click Next.
7. Ensure that Recipients is selected under Excel Sheet Name, and then click Import.
8. Click Done and wait for the Object Saved Successfully advisory message before
  
```

A third callout box at the bottom of the screen states: **時間がかかる場合があります**.

Recipients.xlsをドラッグ&ドロップ

The screenshot shows the Volt MX Iris IDE interface. The 'Edit Object Service' window is open, displaying the 'Import File' dialog. A file explorer window is also open, showing the file 'Recipients.xls' selected. A callout box with a green arrow points to the 'Recipients.xls' file in the 'Import File' dialog, with the text: 解凍したファイルか Recipients.xls をドラッグ&ドロップ.

Create a New Service

1. From the Services panel, expand the Object Services.
2. Click on the **Configure New** button.
3. Under the **Data Storage** section, select **Import Excel File**.
Iris may take some time to open the **Edit Object Service** window.
4. In the **Import File** window, drag the **Recipients.xls** file from the extracted files.
5. After the file is uploaded, click **Next**.
6. Ensure that **Recipients** is selected under **Excel Sheet Name**, and then click **Import**.
7. Click **Done** and wait for the **Object Saved Successfully** advisory message before proceeding to the next step.

Previous 6/11 Next

アップロードされたら Next

The screenshot shows the Volt MX Iris IDE interface. The 'Import File' dialog box is open, displaying a success message: 'Uploaded Successfully. Recipients.xls'. Below the message, there is a 'Note' section with the following bullet points:

- You can import files in XLS format
- Supported Excel version is 97/2000/XP/2003 and above
- Maximum number of sheets that can be imported: 15
- Maximum size of Excel workbook that can be imported: 3MB
- Maximum number of columns in sheet that can be imported: 50

At the bottom of the dialog box, there are 'CANCEL' and 'NEXT' buttons. A green arrow points from the 'NEXT' button to a 'Next' callout box. The callout box contains the following instructions:

Create a New Service

1. From the Data & Services panel, expand Project Services.
2. Click Configure New.
3. Under the Data Storage section, select Import Excel File.
Iris may take some time to open the Edit Object Service window.
4. In the Import File window, drag the Recipients.xls file from the extracted files.
5. After the file is uploaded, click Next.
6. Ensure that Recipients is selected under Excel Sheet Name, and then click Import.
7. Click Done and wait for the Object Saved Successfully advisory message before proceeding to the next step.

At the bottom of the callout box, there are 'Previous', '6/11', and 'Next' buttons.

Excel Sheet Nameを確認して Import

**“Recipients”
であることを確認**

Import

Create a New Service

1. From the **Data & Services** panel, expand **Project Services**.
2. Click **Configure New**.
3. Under the **Data Storage** section, select **Import Excel File**.
Iris may take some time to open the **Edit Object Service** window.
4. In the **Import File** window, drag the **Recipients.xls** file from the extracted files.
5. After the file is uploaded, click **Next**.
6. Ensure that **Recipients** is selected under **Excel Sheet Name**, and then click **Import**.
7. Click **Done** and wait for the **Object Saved Successfully** advisory message before proceeding to the next step.

Previous 6/11 Next

インポートが成功した Doneして次のステップへ（画面はこのまま）

The screenshot shows the Volt MX Iris IDE interface. The 'Edit Object Service' window is open, displaying the 'Import File' dialog box. The dialog box contains the following text:

Import File

- 1 out of 1 selected Excel Sheet(s) successfully imported as Data Object(s).
- A primary key named "SeqNo" was added for each object.
- Every non-primary key field data type is string by default. Please modify the primary key configuration and/or update field data types before publishing the service.

A green arrow points from the 'Import File' dialog box to the 'Create a New Service' guide. The guide contains the following steps:

Create a New Service

1. From the Data & Services panel, expand Project Services.
2. Click Configure New.
3. Under the Data Storage section, select Import Excel File.
Iris may take some time to open the Edit Object Service window.
4. In the Import File window, drag the Recipients.xls file from the extracted files.
5. After the file is uploaded, click Next.
6. Ensure that Recipients is selected under Excel Sheet Name, and then click Import.
7. Click Done and wait for the Object Saved Successfully advisory message before proceeding to the next step.

A white callout box with the word 'Done' is positioned over the 'DONE' button in the 'Import File' dialog box. A white box at the bottom right contains the text '画面はこのままで次のステップへ'.

(7/11) Configure the Data Model

これはチュートリアル of 翻訳です
作業手順は次頁を参照してください

Configure the Data Model

1. Under **Data Model**, navigate to **Recipients**, and select **Fields**.
2. From the right pane, for the field **RecipientID**, under the column **Primary Key**, toggle the switch to **True**.
3. Select the check-box for **SeqNo**, and then click **Delete**.
4. In the **Delete Fields** dialog, click **Delete**.
5. Click **Save** and wait for the **Object Saved Successfully** advisory message before proceeding to the next step.

データモデルを設定する

1. [Data Model] の「Recipients」に移動し、「Fields」を選択します。
2. 右側のペインから、RecipientID フィールドの Primary Key 列の下にあるスイッチを True に切り替えます。
3. [SeqNo] のチェックボックスを選択し、Delete をクリックします。
4. [Delete Fields]ダイアログで、「Delete」をクリックする。
5. [Save]をクリックし、Object Saved Successfully のアドバイザリーメッセージを待ってから次のステップに進みます。

RecipientID フィールドで Primary Keyを Trueに変更

① [Data Model] タブで、Data Model > Recipients > Fields > を選択

NAME ?	TYPE	PRIMARY KEY	DETAILS ?
CreatedBy	string	false	
LastUpdatedBy	string	false	
CreatedDateTime	date	false	
LastUpdatedDateTime	date	false	
SoftDeleteFlag	boolean	false	
SeqNo	number	TRUE	
RecipientID	string	TRUE	
FirstName	string	FALSE	
LastName	string	FALSE	
NickName	string	FALSE	

② RecipientIDで Primary Keyを Trueに設定

SeqNoを削除

② Delete をクリック

NAME ?	TYPE	PRIMARY KEY	DETAILS ?
<input type="checkbox"/> CreatedBy	string	false	
<input type="checkbox"/> LastUpdatedBy	string	false	
<input type="checkbox"/> CreatedDateTime	date	false	
<input type="checkbox"/> LastUpdatedDateTime	date	false	
<input type="checkbox"/> SoftDeleteFlag	boolean	false	
<input checked="" type="checkbox"/> SeqNo	number	<input checked="" type="checkbox"/> TRUE	
<input type="checkbox"/> RecipientID	string	<input checked="" type="checkbox"/> TRUE	
<input type="checkbox"/> FirstName	string	<input type="checkbox"/> FALSE	
<input type="checkbox"/>	string	<input type="checkbox"/> FALSE	
<input type="checkbox"/>	string	<input type="checkbox"/> FALSE	

① SeqNo にチェック

Configure the Data Model

- Under Data Model, navigate to Recipients, and select Fields.
- From the right pane, for the field RecipientID, under the column Primary Key, toggle the switch to True.
- Select the checkbox under the column Delete.
- In the Delete column, click the Delete button.
- Click Save and confirm the successful proceeding.

Previous 7/11 Next

Delete Fieldsの警告ダイアログで Delete

The screenshot shows the Volt MX Iris interface with the 'Delete Fields' dialog box open. The dialog box contains the following text:

Delete Fields

Deletion of Fields will change the Storage backend configuration immediately and lead to loss of related data on publish. Are you sure you want to continue?

CANCEL Delete

A callout bubble labeled 'Delete' points to the 'Delete' button in the dialog box.

In the background, the 'Configure the Data Model' dialog box is visible, showing a table of fields with their types, primary key status, and details. The 'SeqNo' field is selected, and its 'Primary Key' toggle is set to 'True'.

NAME	TYPE	PRIMARY KEY	DETAILS
CreatedBy	string	false	
LastUpdatedBy	string	false	
CreatedDateTime	date	false	
LastUpdatedDateTime	date	false	
SoftDeleteFlag	boolean	false	
<input checked="" type="checkbox"/> SeqNo	number	TRUE	
RecipientID	string	TRUE	
FirstName	string	FALSE	
LastName	string	FALSE	
NickName	string	FALSE	

The 'Configure the Data Model' dialog box contains the following instructions:

1. Under **Data Model**, navigate to **Recipients**, and select **Fields**.
2. From the right pane, for the field **RecipientID**, under the column **Primary Key**, toggle the switch to **True**.
3. Select the check-box for **SeqNo**, and then click **Delete**.
4. In the **Delete Fields** dialog, click **Delete**.
5. Click **Save** and wait for the **Object Saved Successfully** advisory message before proceeding to the next step.

Navigation buttons: Previous 7/11 Next

Saveして次のステップへ（画面はこのまま）

Edit Object Service
ObjSvcExcellnRecipientsMobAp / Configure

Search by Object name

Search by Field name

	NAME ?	TYPE	PRIMARY KEY	DETAILS ?
<input type="checkbox"/>	CreatedBy	string	false	
<input type="checkbox"/>	LastUpdatedBy	string	false	
<input type="checkbox"/>	CreatedDateTime	date	false	
<input type="checkbox"/>	LastUpdatedDateTime	date	false	
<input type="checkbox"/>	SoftDeleteFlag	boolean	false	
<input type="checkbox"/>	RecipientID	string	<input checked="" type="checkbox"/> TRUE	
<input type="checkbox"/>	FirstName	string	<input type="checkbox"/> FALSE	
<input type="checkbox"/>	LastName	string	<input type="checkbox"/> FALSE	
<input type="checkbox"/>	NickName	string	<input type="checkbox"/> FALSE	
<input type="checkbox"/>	Phone	string	<input type="checkbox"/> FALSE	

Save

Configure the Data Model

1. Under **Data Model**, navigate to **Recipients**, and select **Fields**.
2. From the right pane, for the field **RecipientID**, under the column **Primary Key**, toggle the switch to **True**.
3. Select the check-box for **SeqNo**, and then click **Delete**.
4. In the **Delete Fields** dialog, click **Delete**.
5. Click **Save** and wait for the **Object Saved Successfully** advisory message before proceeding to the next step.

Previous 7/11 Next

画面はこのままで次のステップへ

(8/11) Configure the Data Model

これはチュートリアル of 翻訳です
作業手順は次頁を参照してください

Configure the Data Model

1. From the left pane select the **Data Model** tab.
2. Under the **Data Model** tab, expand **Data Model > Accounts > Fields**, and select **RecipientID**.
3. In the right pane, modify the following values.
 - Type: **number**
 - Autogenerated: **true**
4. Scroll down to the bottom and click **Save**.
5. Wait for the **Object Saved Successfully** advisory message before proceeding to the next step.
6. In the left pane, navigate to **Data Model > Recipients > Fields**, and then select **Phone**.
7. In the right pane, modify the following value.
 - Max Length: **30**
8. Scroll down to bottom and click **Save**.
9. Wait for the **Object Saved Successfully** advisory message.

データモデルを設定する

1. 左ペインから [**Data Model**] タブを選択します。
2. [**Data Model**] タブで、**Data Model > Accounts > Fields** を展開し、[**RecipientID**] を選択します。
3. 右側のペインで、以下の値を変更します。
 - Type: **number**
 - Autogenerated: **true**
4. 下へスクロールし、[**Save**] をクリックします。
5. 次のステップに進む前に、「**Object Saved Successfully**」のアドバイザリーメッセージが表示されるのを待ちます。
6. 左ペインで、**Data Model > Accounts > Fields** を展開し、[**Phone**] を選択します。
7. 右側のペインで、次の値を変更します。
 - Max Length: **30**
8. 下までスクロールして [**Save**] をクリックします。
9. [**Object Saved Successfully**] アドバイザリーメッセージが表示されるのを待ちます。

RecipientIDフィールドの値を編集

① [Data Model] タブで、Data Model > Recipients > Fields > RecipientID を選択

② TypeをNumberに設定

③ AutogeneratedをTrueに設定

NAME	VALUE
Name ②	RecipientID
Unique	true
Type	number
Primary key	true
Nullable	false
Max Length	10
Autogenerated	false

Autogenerated: true

5. Wait for the Object Saved Successfully advisory message before proceeding to the next step.

6. In the left pane, navigate to Data Model > Recipients > Fields, and then select Phone.

7. In the right pane, modify the following value.

- Max Length: 30

8. Scroll down to bottom and click Save.

9. Wait for the Object Saved Successfully

Previous 8/11 Next

下にスクロールして Save

The screenshot shows the Volt MX Iris IDE interface. A dialog box titled "Edit Object Service" is open, displaying configuration options for a service. The left pane shows a tree view with "Relationships" selected. The right pane contains the following fields:

Property	Value
Max Length	10
Autogenerated	true
Creatable	true
Updatable	true
Precision	Not specified
Description	Not specified

At the bottom of the dialog, there are "ADD", "CANCEL", and "SAVE" buttons. A callout box with the text "Save" points to the "SAVE" button. Below the dialog, a "Configure the Data Model" instruction box is visible, containing the following steps:

1. From the left pane select the Data Model tab.
2. Under the Data Model tab, expand Data Model > Recipients > Fields, and select RecipientID.
3. In the right pane, modify the following values.
 - Type: number
 - Autogenerated: true
4. Scroll down to the bottom and Click Save.
5. Wait for the Object Saved Successfully advisory message before next step.
6. In the left pane, navigate to Recipients > Fields, and select RecipientID.
7. In the right pane, modify the following values.
 - Max Length: 30
8. Scroll down to bottom and Click Save.
9. Wait for the Object Saved Successfully advisory message.

At the bottom of the instruction box, there are "Previous" and "Next" buttons, and a page indicator "8/11".

Phoneの Max Lengthを 30 に設定

The screenshot shows the Volt MX Iris IDE interface. The 'Edit Object Service' dialog is open, displaying the 'Configure' tab for the 'ObjSvcExcelInRecipientsMobAp' service. The 'Data Model' tab is selected, and the 'Phone' field is highlighted in the left pane. The 'Max Length' property is set to 30. A callout box on the right provides a 9-step guide for this configuration.

NAME	VALUE
Name ?	Phone
Unique	false
Type	string
Primary key	false
Nullable	true
Max Length	30
Autogenerated	false

Configure the Data Model

1. From the left pane, expand the Data Model tab.
2. Under the Data Model tab, expand Data Model > Recipients > Fields, and select RecipientID.
3. In the right pane, modify the following values.
 - o Name: number
 - o Autogenerated: true
4. Scroll down to the bottom and Click Save.
5. Wait for the Object Saved Successfully advisory message before proceeding to the next step.
6. In the left pane, navigate to Data Model > Recipients > Fields, and then select Phone.
7. In the right pane, modify the following value.
 - o Max Length: 30
8. Scroll down to bottom and click Save.
9. Wait for the Object Saved Successfully advisory message.

Previous 8/11 Next

[Data Model] タブで、
Data Model >
Recipients >
Fields >
Phone
を選択

Max Lengthを
30に設定

Saveして次のステップへ（画面はこのまま）

The screenshot shows the Volt MX Iris IDE interface. The main window displays the 'Edit Object Service' dialog for a service named 'RecipientID'. The dialog has a left pane with a tree view showing 'CreatedDateTime', 'LastUpdatedDateTime', 'SoftDeleteFlag', 'Relationships', and 'Indexes'. The right pane shows properties: Max Length (30), Autogenerated (false), Creatable (true), Updatable (true), Precision (Not specified), Description (Not specified), and Metadata (ADD). At the bottom right of the dialog are 'CANCEL' and 'SAVE' buttons.

Overlaid on the dialog is a large white callout bubble with a black border containing the word 'Save' in bold black text. Below the dialog, a white rectangular box with a black border contains the Japanese text '画面はこのままで次のステップへ'.

In the bottom left, a 'Configure the Data Model' instruction box is visible, containing the following steps:

1. From the left pane select the **Data Model** tab.
2. Under the **Data Model** tab, expand **Data Model > Recipients > Fields**, and select **RecipientID**.
3. In the right pane, modify the following values.
 - o Type: **number**
 - o Autogenerated: **true**
4. Scroll down to the bottom and Click **Save**.
5. Wait for the **Object Saved Successfully** advisory message before proceeding to the next step.
6. In the left pane, navigate to **Data Model > Recipients > Fields**, and then select **Phone**.
7. In the right pane, modify the following value.
 - o Max Length: **30**
8. Scroll down to bottom and click **Save**.
9. Wait for the **Object Saved Successfully** advisory message.

At the bottom of the instruction box are 'Previous' and 'Next' buttons, and a page indicator '8/11'.

(9/11) Configure the Service

これはチュートリアル of 翻訳です
作業手順は次頁を参照してください

Configure the Service

1. On the top-left corner, click the service name.
2. In the **Name** box, type **RecipientStorage1**.
3. Under **Sample Data**, drag the **Recipients.zip** file from the extracted files.
4. For the **Delete Strategy** option, select **Hard Delete**.
5. Click **Save**.
6. Wait for the **Service saved successfully** advisory message before proceeding to the next step.
7. Close the **Edit Object Service** window. It may take some time for Iris to add the service to the **Project Services** section.

サービスを設定する

1. 左上隅から、サービス名をクリックします。
2. **[Name]** ボックスに、**[RecipientStorage1]** と入力します。
3. **[Sample Data]** で、解凍したファイルから **[Recipients.zip]** ファイルをドラッグします。
4. **[Delete Strategy]** では、**[Hard Delete]** を選択。
5. **[Save]** をクリックします。
6. **[Service saved successfully]** というアドバイザリーメッセージが表示されるのを待ってから次のステップに進みます。
7. **[Edit Object Service]** ウィンドウを閉じます。Iris がサービスをプロジェクト サービス セクションに追加するまで、しばらく時間がかかる場合があります。

画面左上のサービス名をクリック

**サービス名をクリック
(ObjSvcExcelInRecipientsMobAp など)**

Configure the Service

1. On the top-left corner, click the service name.
2. In the Name box, type **RecipientStorage1**.
3. Under **Sample Data**, drag the **Recipients.zip** file from the extracted files.
4. For the **Delete Strategy** option, select **Hard Delete**.
5. Click **Save**.
6. Wait for the **Service saved successfully** advisory message before proceeding to the next step.
7. Close the **Edit Object Service** window. It may take some time for Iris to add the service to the **Project Services** section.

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アカウントサービスの名前を変更

Edit Object Service

RecipientStorage1*

Name* RecipientStorage1

Endpoint Type

Version 1.0

Offline enabled ?

Select the checkbox to set the Conflict Resolution Policy

Identity Service None

Drag a zip file here or browse to upload.

Download Template

Delete Strategy

Hard Delete Soft Delete

Advanced

Description

Configure the Service

1. On the top-left corner, click the service name.
2. In the Name box, type **RecipientStorage1**.
3. Under **Sample Data**, drag the **Recipients.zip** file from the extracted files.
4. For the **Delete Strategy** option, select **Hard Delete**.
5. Click **Save**.
6. Wait for the **Service saved successfully** advisory message before proceeding to the next step.
7. Close the **Edit Object Service** window. It may take some time for Iris to add the service to the **Project Services** section.

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Nameに RecipientStorage1 と入力

Delete Strategy オプションは、Hard Delete を選択

Recipients.zipをドラッグしてアップロード

解凍したファイルから Recipients.zip を Sample Data にドラッグ&ドロップ

Configure the service

1. In the top-left corner, click the service name.
2. In the Name box, type RecipientStorage1.
3. Under Sample Data, drag the Recipients.zip file from the extracted files.
4. For the Delete Strategy option, select Hard Delete.
5. Click Save.
6. Wait for the Service saved successfully advisory message before proceeding to the next step.
7. Close the Edit Object Service window. It may take some time for Iris to add the service to the Project Services section.

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名前	更新日時	種類	サイズ
.DS_Store	2022/08/18 15:34	DS_STORE ファイル	7 KB
Accounts.xls	2022/08/18 15:34	Microsoft Excel 97...	26 KB
Accounts.zip	2022/08/18 15:34	圧縮 (zip 形式) フォ...	1 KB
Recipients.xls	2022/08/18 15:34	Microsoft Excel 97...	26 KB
Recipients.zip	2022/08/18 15:47	圧縮 (zip 形式) フォ...	7 KB

Save して、アップロードが成功したら Close します

Edit Object Service

RecipientStorage1

Name* RecipientStorage1

Endpoint Type Data Storage

Metadata Security Level ? Authenticated App Users

Version 1.0

Offline enabled ?

Select the checkbox to set the Conflict Resolution Policy

Identity Service for Backend Token ? None

Sample Data ? Recipients.zip

Download Template

Delete Strategy

Hard Delete Soft Delete

Advanced

Description

Configure the Service

1. On the top-left corner, click the service name.
2. In the Name box, type RecipientStorage1.
3. Under Sample Data, drag the Recipients.zip from the extracted files.
4. For the Delete Strategy option, select Hard Delete.
5. Click Save.
6. Wait for the Service saved successfully advisory message before proceeding to the next step.
7. Close the Edit Object Service window. It may take some time for Iris to add the service to the Project Services section.

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CLOSE SAVE SAVE & CONFIGURE

② Close

① Save

Project Servicesに RecipientStorage1 が追加されました

The screenshot shows the Volt MX Iris IDE interface. The central canvas displays a mobile app design for an iPhone 13, showing a list of accounts with the title 'ACCOUNTS'. The right-hand panel is divided into 'PROPERTIES' and 'DATA & SERVICES'. Under 'PROJECT SERVICES', 'RecipientStorage1' is listed. A 'Configure the Service' dialog box is open, providing instructions for adding the service. A callout bubble points to 'RecipientStorage1' in the Project Services list.

RecipientStorage1
が追加されています

Configure the Service

1. On the top-left corner, click the service name.
2. In the Name box, type `RecipientStorage1`.
3. Under **Sample Data**, drag the `Recipients.zip` file from the extracted files.
4. For the **Delete Strategy** option, select **Hard Delete**.
5. Click **Save**.
6. Wait for the **Service saved successfully** advisory message before proceeding to the next step.
7. Close the **Edit Object Service** window.
It may take some time for Iris to add the service to the **Project Services** section.

Previous 9/11 Next

(10/11) Publish the Services

これはチュートリアル of 翻訳です
作業手順は次頁を参照してください

Publish the Services

1. On the **Data & Services** panel, next to the **Refresh** button, click the menu option.
2. Select **Publish Project Services**.
It may take some time for Iris to publish the service.

サービスを公開する

1. [**Data & Services**] パネルで、 [**Refresh**] ボタンの横にあるメニューオプションをクリックします。
2. [**Publish Project Services**] を選択します。
Iris がサービスをパブリッシュするまでには、多少の時間がかかる場合があります。

サービスの公開

The screenshot shows the Volt MX Iris IDE interface. The central canvas displays a mobile app preview with a table of accounts. The right-hand side features a 'DATA & SERVICES' panel with a hamburger menu. A callout box points to the 'Publish Project Services' option in this menu.

Refresh の右横の
ハンバーガーメニューから
Publish Project Services
を選択

Name	Amount
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350
Name	\$ 350

公開されたことを確認して OK

The screenshot shows the Volt MX Iris IDE interface. The main workspace displays a mobile application preview for an iPhone 13 (1170 x 2532) with a blue header 'ACCOUNTS' and a list of items, each with 'Name' and '\$ 350'. A modal dialog box titled 'Volt MX Iris' is centered over the preview, displaying the message 'Publish to Foundry Successful.' with an 'OK' button.

On the right side, the 'DATA & SERVICES' panel is visible, showing a 'Publish the Services' dialog box with the following instructions:

1. On the **Data & Services** panel, next to the **Refresh** button, click the menu option.
2. Select **Publish Project Services**.
It may take some time for Iris to publish the service.

At the bottom of the dialog, there are 'Previous' and 'Next' buttons, and a progress indicator showing '10/11'.

(11/11) Congratulations

Congratulations

You have successfully:

- Created and configured services for the following data
 - ✓ Accounts
 - ✓ Recipients
- Published the services to a run-time server

To learn how to map the data to the UI of the app, check out the next hike:

5. Connect the App UI to Data.

おめでとうございます！

以下のことに成功しました。

- 以下のデータに対してサービスを作成し、設定しました。
 - ✓ Accounts
 - ✓ Recipients
- ランタイムサーバーにサービスを公開する

データをアプリのUIにマッピングする方法については、次の手順を参照してください。

- 5. アプリのUIをデータに接続する



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