# Airbox Demo App Overview

AirboxDemo App  
The Airbox Demo app is a .NET MAUI app that is available on Android, iOS (untested due to hardware availability) and Windows.

The application is a Shell app consisting of two pages, one that shows a collection of images of a given type, as well as controls to change this type, and one page that shows a chosen image and allows the user to rotate it.  
  
The code is arranged as a typical MAUI app, using MVVM for the front end and services and other objects to control lower-level functionality. The app uses a text resx file for text, allowing for future work on localisation, and stores user preferences using MAUI’s built-in Preferences API. A file service will allow for easy extensions to photo storage functionality.

Installation  
The app can be installed using Visual Studio in debug on a Windows machine or connected Android device with the appropriate permissions enabled. Further work is required to create release builds.

Testing  
The solution also contains a tests project, which will contain the unit tests for the MAUI application (a sample unit test is provided). This can be run in Visual Studio.

Repository  
Code can be found at:  
<https://github.com/SimGoodwin/AirboxDemo>