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Getting Start

Outline

- Reference documents

- Introduction

- How to create a Plug-In

- How to modify the Plug-In setting
  - App Name
  - App Icon
  - App Preview Image

- How to build the Plug-In

- How to Install the Plug-In

- How to Run the Plug-In

- How to Uninstall the Plug-In

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Reference documents (by suggested study sequence)

- Getting_Start.pdf (this document)
  - Getting start, reference document and MRE SDK tool introduction for DLUI

- VPI_UI_Engine_Training.pdf
  - Training document for new developer to write VPI UI code

- VPI_CP_Introduction.pdf
  - Introduction to the supported VPI UI components

- Venus_Plug-in_Interface(VPI)_Development_Guide.pdf
  - Introduction to the VPI architecture with native Venus UI engine
  - Introduction to technical theory of VPI

- VPI_Backward_Compatible_Guideline_&_Coding_Convention.pdf
  - Coding guideline for VPI developer to avoid some problems

- Widget, Wallpaper, ScreenLock, Launcher introduction
  - Introduction to develop the supported 4 DLUI Apps

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Introduction

- Use MRE Wizard to create a Plug-In

  - .\tools\MRESDKWizard.exe

- Use MRE Launcher to modify the Plug-In setting
  - .\tools\MRELauncher.exe

- Plug-In type supported now
  - Widget
  - Wallpaper
  - Launcher
  - Screen Lock

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How to Create a Plug In – Step 1

How to Create a Plug In – Step 2

How to Create a Plug In – Step 3

Specify App Type: Widget, Launcher, Screen Lock, Wallpaper

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How to Create a Plug In – Step 4

Welcome to MRE SDK 2.0 Wizard

Wizard Description

Name : MyWidget

Location : C: Browse...

MRE App Version
- ⦿ MRE SDK 3.0
- ○ MRE SDK 2.0
- ○ MRE SDK 1.0

MRE App Style

MRE Widget Plug-in (*.vpp)

Reserved. Useless now

Resolution

Resolution : 176x220

128x160
176x220
240x320
240x400
320x240
320x480
480x800

MRE App description

Development info:

App Name:

Finish   Cancel

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How to Create a Plug In – Step 5

Welcome to MRE SDK 2.0 Wizard

Wizard Description

Name : MyWidget

Location : C:

MRE App Version
- ⦿ MRE SDK 3.0
- ○ MRE SDK 2.0
- ○ MRE SDK 1.0

MRE App Style

MRE Widget Plug-in (*.vpp)
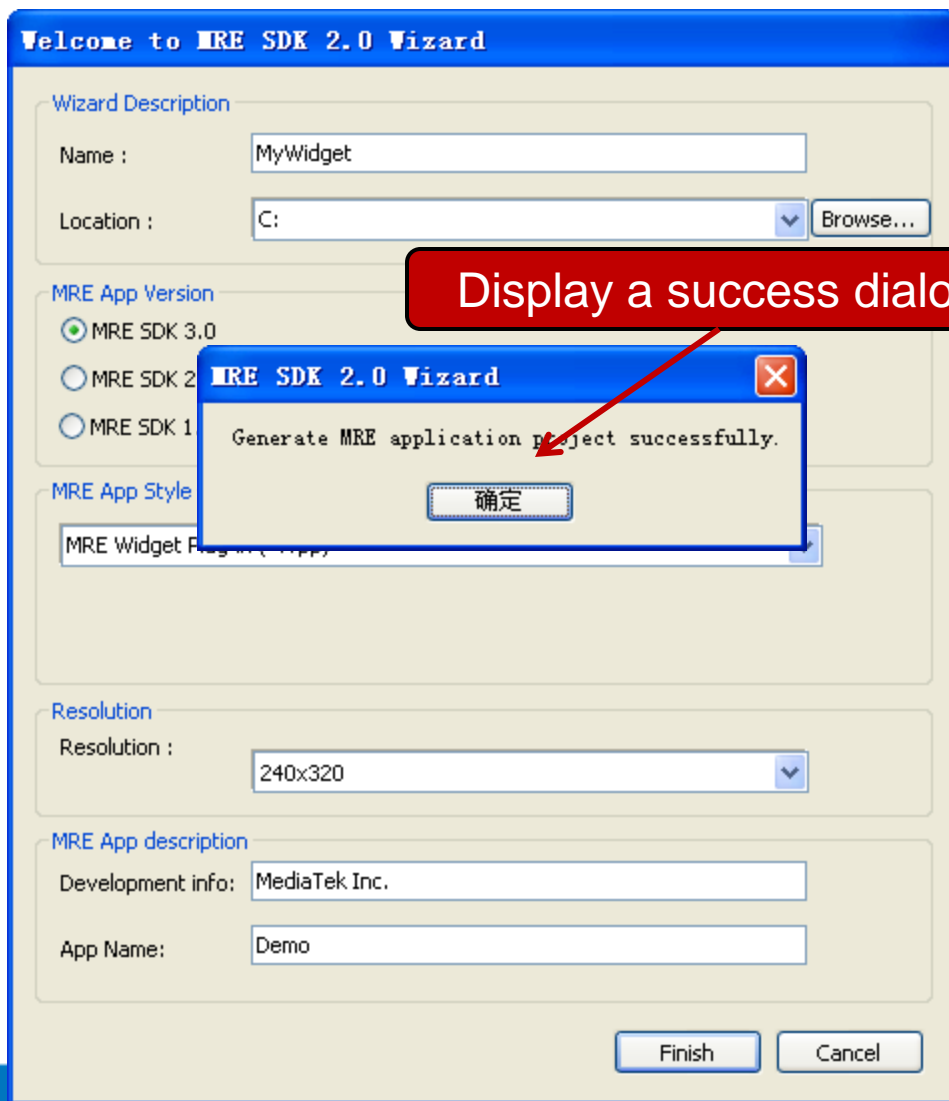
Resolution
Resolution : 240x320

MRE App description
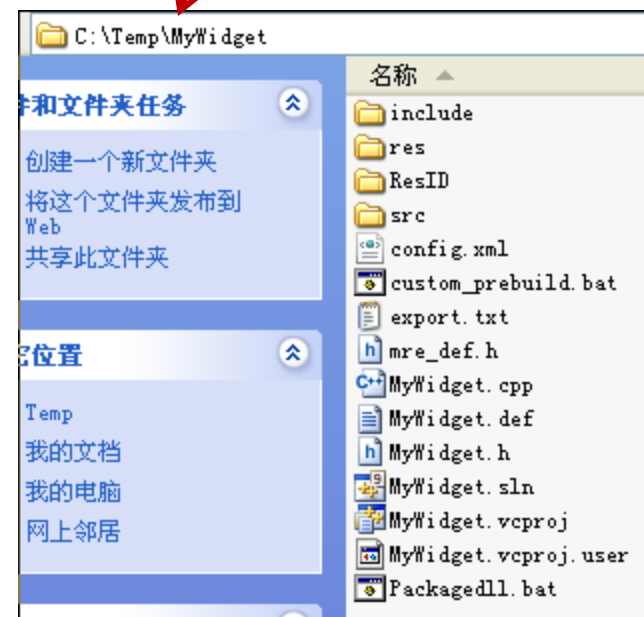Development info: MediaTek Inc.
App Name: Demo

Finish   Cancel

Notice: [App Type & App Name] MUST be unique. Otherwise, the installation won't succeed.

Specify App Name

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How to Create a Plug In – Step 6

Press 'Finish' button

How to Create a Plug In – Step 7

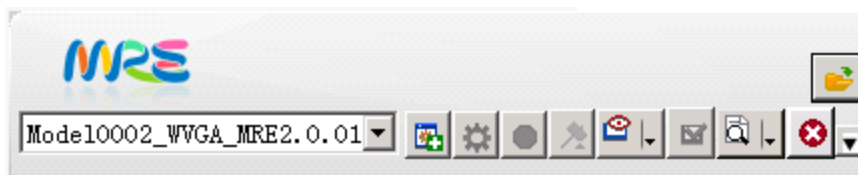

App folder is created

Display a success dialog
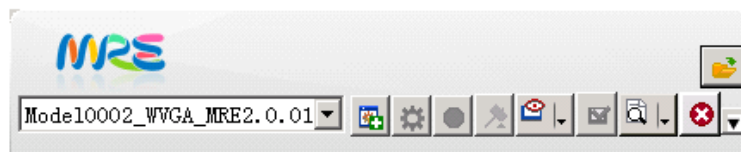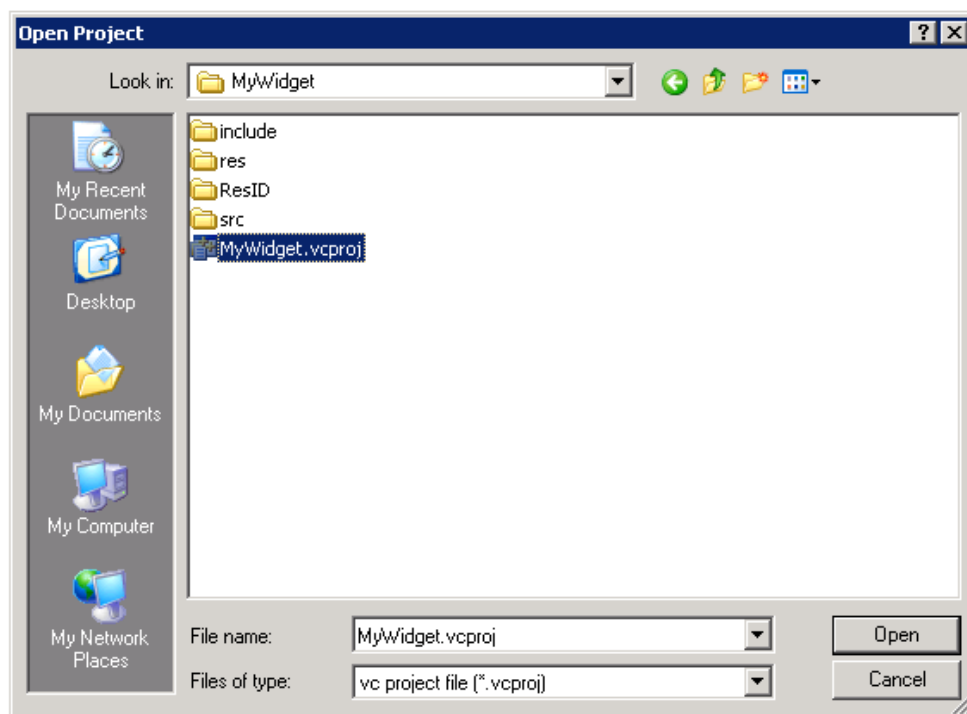
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How to Modify Plug-In Setting – Step 1

Launch MRELauncher.exe

How to Modify Plug-In Setting – Step 2

Open Visual C Project

Visual C project is opened successfully

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How to Modify Plug-In Setting – App Name

Press 'Setting'

Change to 'App Name List' tab

Change to App name

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How to Modify Plug-In Setting – App Icon

Change to 'Resource' tab

Add App icon

Press 'Make Logo'

A succeed dialog will display.

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How to Modify Plug-In Setting – Preview Image

Change to 'Resource' tab

Add Preview Image

Package Info Settings

User Information | API Authorization | Configuration | App Name List
Operation Information | Payment Lib | Resource

Icon

Preview Image   Make Logo

name	path
MRE.PREVIEW_0	A:\MyScreenLock\ScreenLock\Scre...

OK   Cancel

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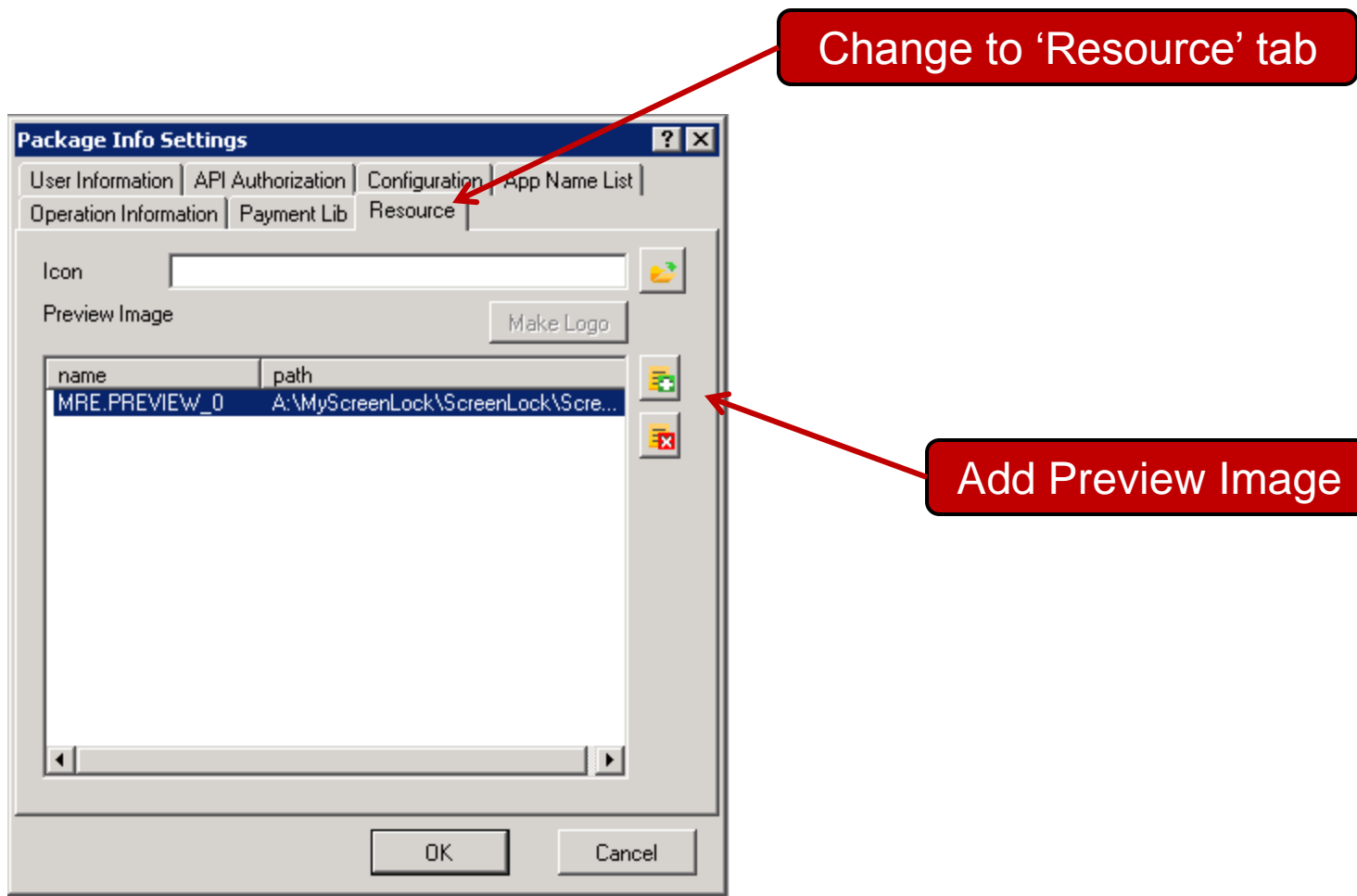
How to Install the Plug-In – Step 1

- [Project]\Packagedll.bat is executed when project builds successfully

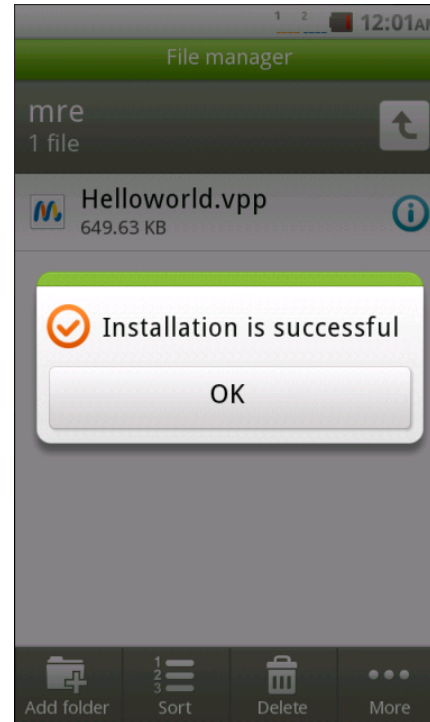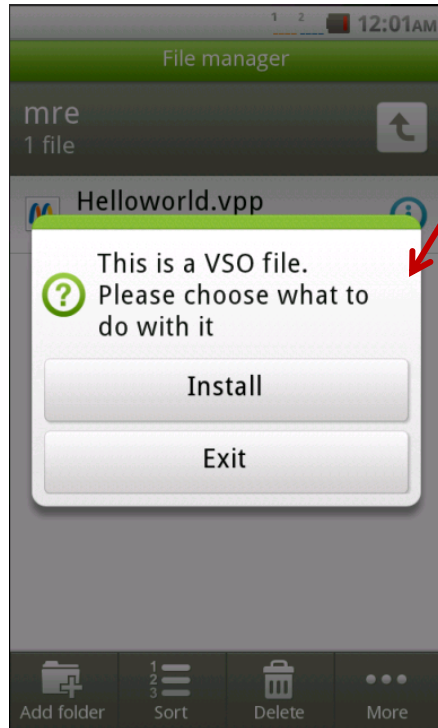 copy [Project].vpp ..\..\..\MoDIS_VC9\WIN32FS\DRIVE_E\ [Project]..vpp /y
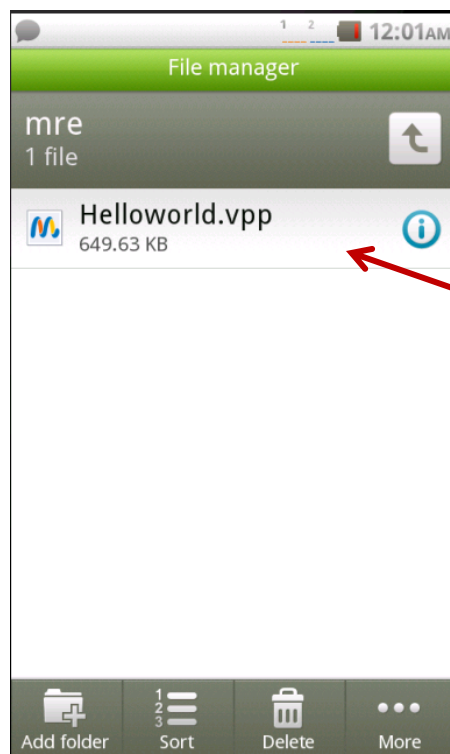
Modify to the correct path

Copy the .vpp file to the phone

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How to Install the Plug-In – Step 2

- Install the .vpp file using the file manager

Press [Project].cpp, and then press 'Install'

A confirm dialog displays when install successfully

How to Install the Plug-In – Result

- For Example: two screen lock apps are installed

In App Manager

In system drive

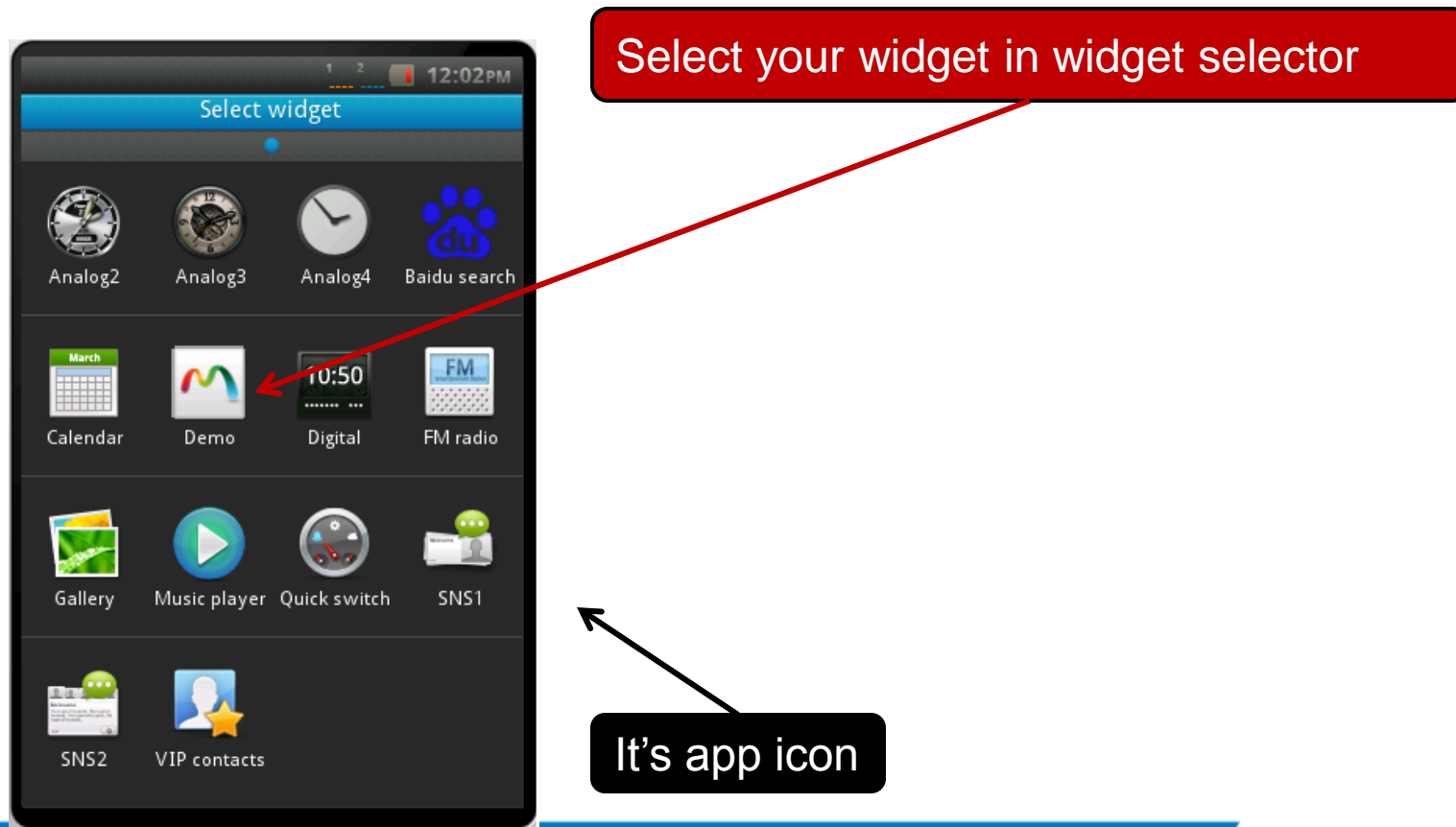| Address | T:\MoDIS_VC9\WIN32FS\DRIVE_C\@mre\scrlock |

Name ▲
- mre.scrlock.MediaTek Inc..Breath Screen Lock
- mre.scrlock.MediaTek Inc..My Screen Lock

Notice: [prefix] + [company name] + [app name] must < 60 characters
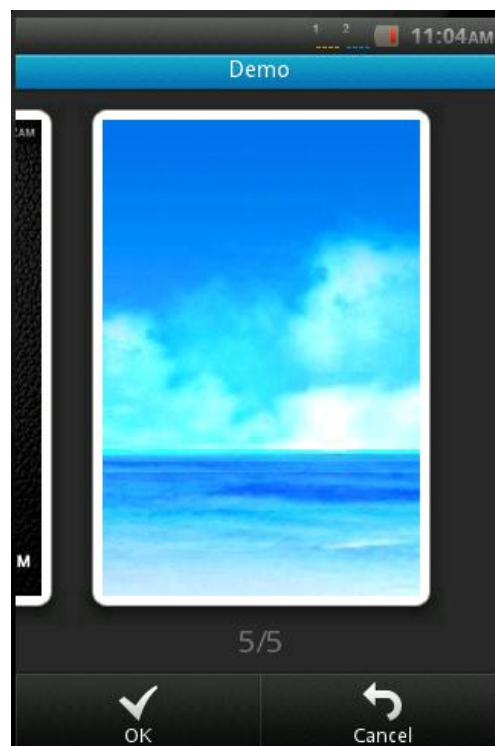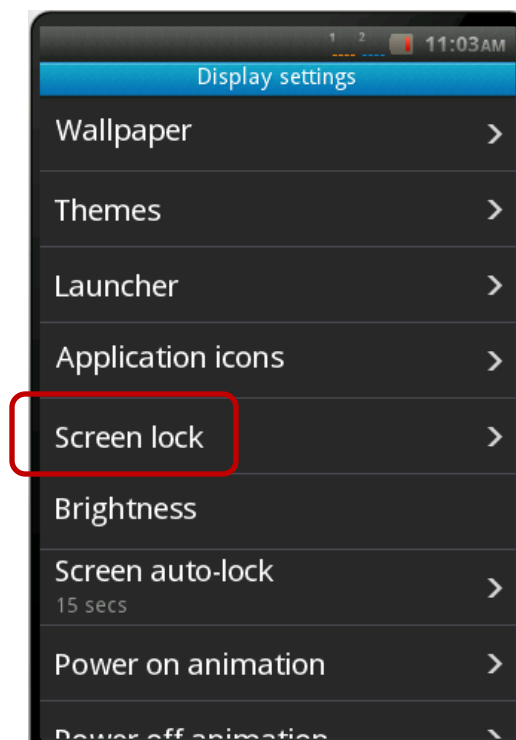
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How to Run the Plug-In – Widget

- Enter widget selector to select your app as widget

Select your widget in widget selector

It's app icon

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How to Run the Plug-In – Screen Lock

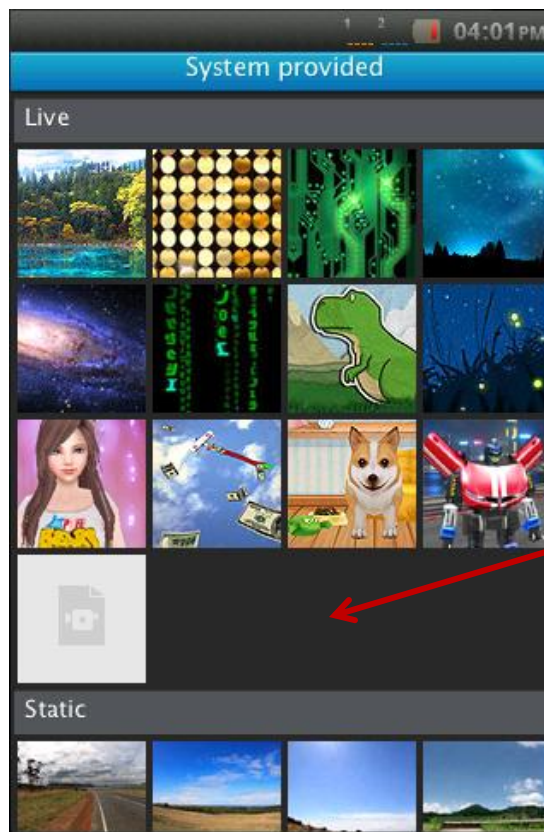- Enter setting page to select your app as screen lock

Select your screen lock and then press 'OK'

It's preview image

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How to Run the Plug-In – Wallpaper

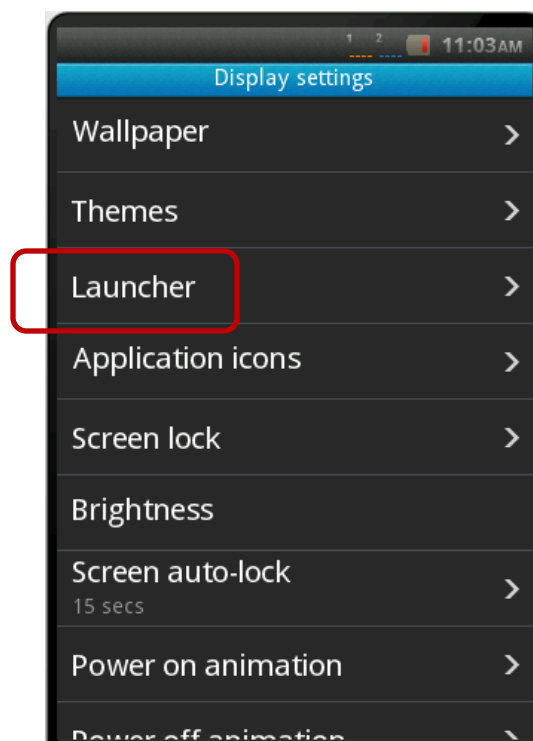- Enter setting page to select your app as wallpaper

Select your wallpaper in wallpaper setting

It's app icon

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How to Run the Plug-In – Launcher
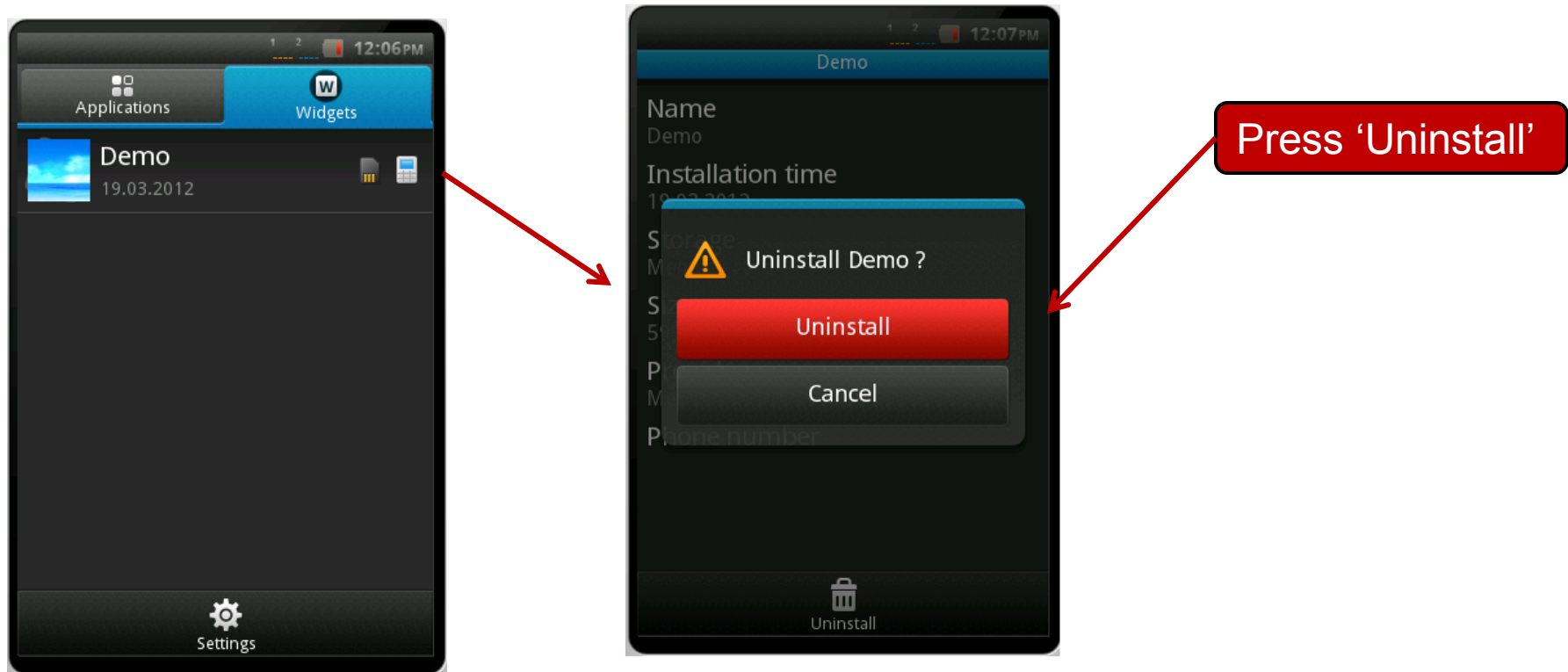
- ■ Enter setting page to select your app as Launcher

Select your Launcher and then press 'OK'

It's preview image

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How to Uninstall the Plug-In – Step 1

- Entry AppMgr and highlight your app to uninstall

Press 'Uninstall'

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