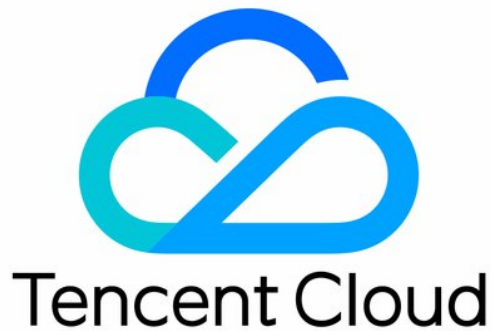


Tencent Effect SDK

FAQs

Product Documentation



Copyright Notice

©2013-2019 Tencent Cloud. All rights reserved.

Copyright in this document is exclusively owned by Tencent Cloud. You must not reproduce, modify, copy or distribute in any way, in whole or in part, the contents of this document without Tencent Cloud's the prior written consent.

Trademark Notice



All trademarks associated with Tencent Cloud and its services are owned by Tencent Cloud Computing (Beijing) Company Limited and its affiliated companies. Trademarks of third parties referred to in this document are owned by their respective proprietors.

Service Statement

This document is intended to provide users with general information about Tencent Cloud's products and services only and does not form part of Tencent Cloud's terms and conditions. Tencent Cloud's products or services are subject to change. Specific products and services and the standards applicable to them are exclusively provided for in Tencent Cloud's applicable terms and conditions.

Contents

FAQs

General

Technical

License

FAQs

General

Last updated : 2022-07-25 15:05:50

What is Tencent Effect SDK?

Tencent Effect SDK leverages Tencent's proprietary AI capabilities and real-time effects to offer a wealth of services for diverse video processing use cases.

Is Tencent Effect SDK free? How do I get it?

Tencent Effect SDK can only be used after you purchase an SDK edition license. For detailed edition prices, see [Billing Overview](#) or contact sales.

Which platforms does Tencent Effect SDK support?

Supported platforms include iOS, Android, and web.

What are the use cases of Tencent Effect SDK?

Tencent Effect SDK can be integrated into live streaming and short video applications.

How do I purchase Tencent Effect SDK?

It is available in 11 editions in two categories: basic and advanced. They differ in features, and you choose the edition that best fits your needs. For more information, see [Pricing Overview](#).

What are the strengths of the makeup module?

In Tencent Effect SDK, the full face makeup and partial makeup can be used together for higher flexibility.

Is landscape mode supported?

Yes.

Can I customize the background with keying?

Yes. You can change the background image and video in both the demo and SDK.

How is the model compatibility?

The product has passed the tests for low-, mid-, and high-end device models with great performance.

Technical

Last updated : 2022-08-12 11:42:55

What should I do if the `release` package on Android reports an error that some methods are not found?

- If you have enabled compilation optimization (by setting `minifyEnabled` to `true`) when printing the `release` package, some code that is not called at the Java layer will be trimmed out and may be called at the native layer, causing a `no xxx method` exception.
- If you have enabled such compilation optimization, add the following `keep` rules to prevent xMagic code from being trimmed out:

```
-keep class com.tencent.xmagic.** { *;}
-keep class org.light.** { *;}
-keep class org.libpag.** { *;}
-keep class org.extra.** { *;}
-keep class com.gyailib.**{ *;}
-keep class com.tencent.cloud.iai.lib.** { *;}
-keep class com.tencent.beacon.** { *;}
-keep class com.tencent.qimei.** { *;}
```

What should I do if the SDK for Android integrated to the host project reports a `gson` library conflict?

Add the following code to the `build.gradle` file of the host project:

```
Android{
    configurations {
        all*.exclude group: 'com.google.code.gson'
    }
}
```

Why did `.so` library loading fail on Android targetSdkVersion 31 or later?

On Android targetSdkVersion 31 or later, you need to find the `AndroidManifest.xml` file in the `app` module and add the following tags under the `application` tag:

```
<uses-native-library
    android:name="libOpenCL.so"
    android:required="true" />
```

For more information, see .

What should I do if "Building for iOS Simulator, but the linked and embedded framework '.framework'..." is reported during compilation by Xcode 12.X after resources are imported on iOS?

Go to **Build Settings** > **Build Options**, change **Validate Workspace** to **Yes**, and click **Run**.

Note :

Note that the execution will also be normal if you change **Validate Workspace** from **Yes** to **No** after the compilation is completed.

What should I do if the filter settings don't take effect?

Check whether the value is set properly (value range: 0-100). You may have set too small a value so the effect is not obvious.

What should I do if an error is reported when `dSYM` is generated during demo compilation on iOS?

- **Error message:**

```
PhaseScriptExecution CMake\ PostBuild\ Rules build/XMagicDemo.build/Debug-iphon
eos/XMagicDemo.build/Script-81731F743E244CF2B089C1BF.sh
cd /Users/zhenli/Downloads/xmagic_s106
/bin/sh -c /Users/zhenli/Downloads/xmagic_s106/build/XMagicDemo.build/Debug-iph
oneos/XMagicDemo.build/Script-81731F743E244CF2B089C1BF.sh
Command /bin/sh failed with exit code 1
```

- **Problem analysis:** The cause is the failure to sign `libpag.framework` and `Masonry.framework` again.

- **Solution:**

- i. Open `demo/copy_framework.sh`.
- ii. Change `$(which cmake)` to the absolute path of the local `cmake` .
- iii. Replace `Apple Development:` with your own account signature.

What should I do if the homepage shows an authorization error in the demo for iOS?

Check the license failure error code printed in the log. If you are using a local license file, check whether the file has been added to the project.

What should I do if the demo for iOS reports a compilation error?

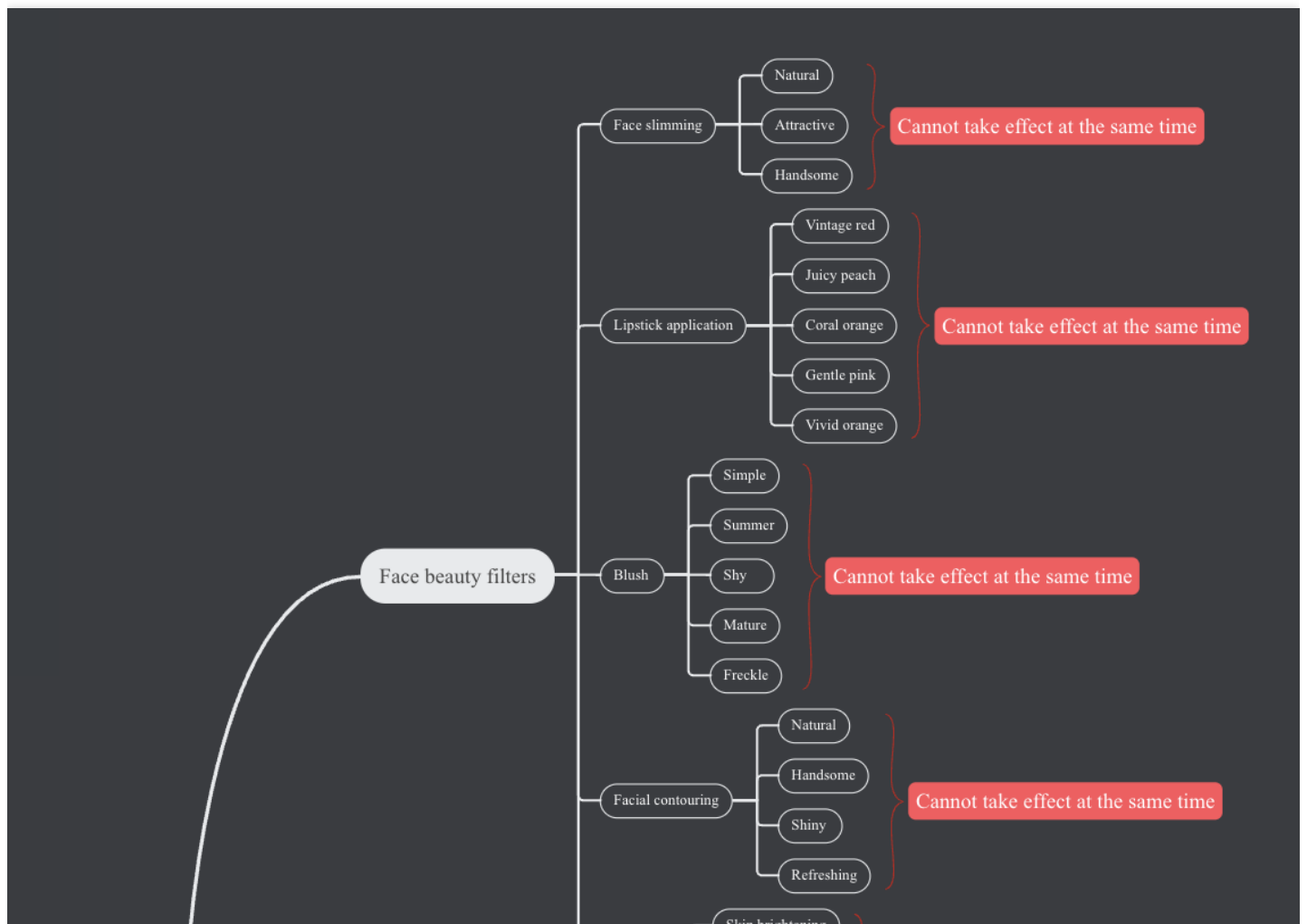
- **Error message:**

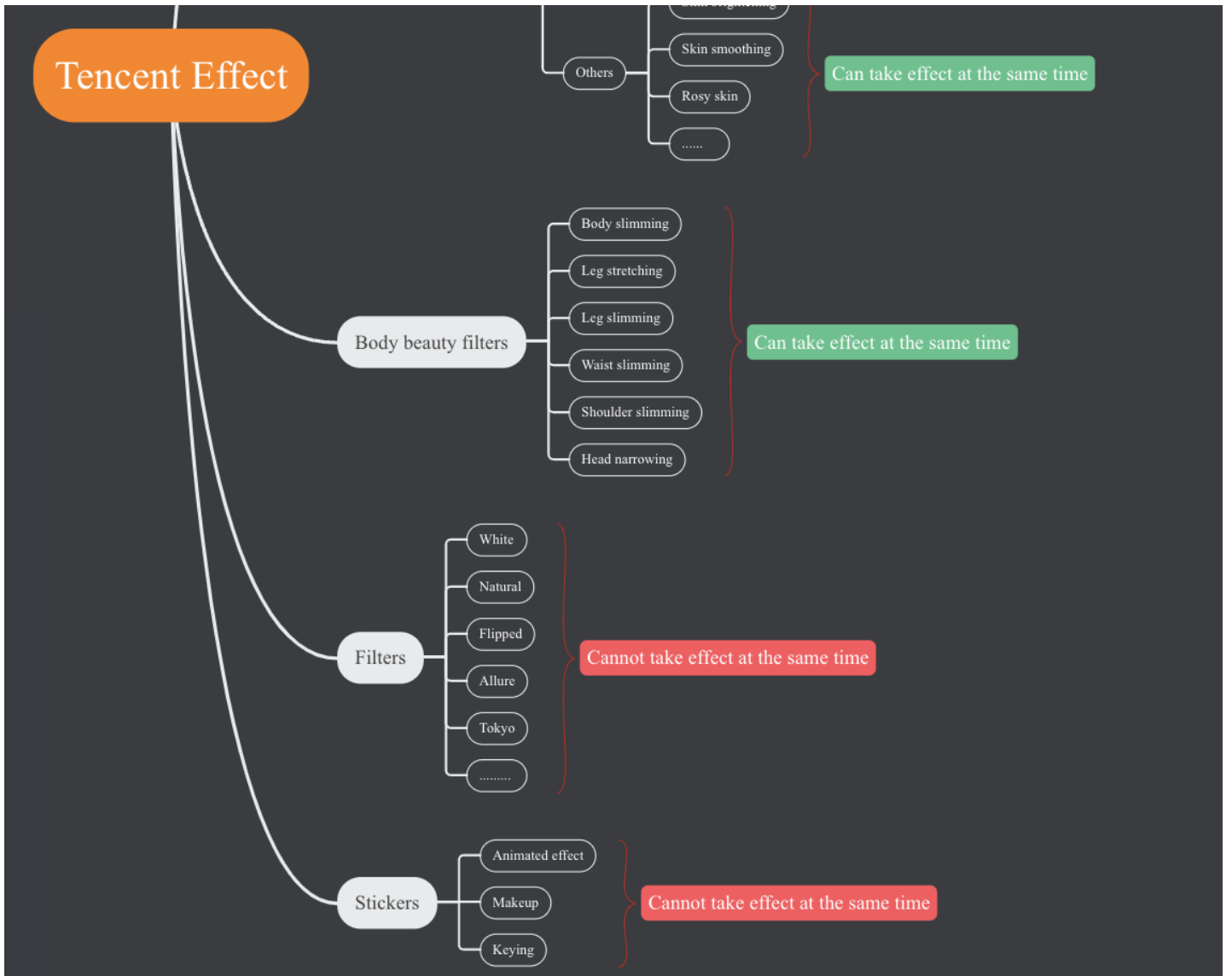
```
unexpected service error: build aborted due to an internal error: unable to write manifest to-xxxx-manifest.xcbuild': mkdir(/data, S_IRWXU | S_IRWXG | S_IRWXO): Read-only file system (30):
```

- **Solution:**

- Go to **File > Project settings > Build System** and select **Legacy Build System**.
- For Xcode 13.0++, you need to select **File > Workspace Settings > Do not show a diagnostic issue about build system deprecation**.

What is the effective relationship between various attributes of Tencent Effect SDK?





License

Last updated : 2022-07-18 10:06:18

This document answers questions you may encounter when using Tencent Effect licenses.

What are the relationships between a license, a license key, and the Tencent Effect SDK?

You need to obtain Tencent Cloud's permission to legitimately use the Tencent Effect SDK. Tencent Cloud grants this permission by issuing licenses. There are two types of licenses you can obtain: a trial license and a production license.

An SDK is a collection of software development tools that facilitate your creation of applications for different software packages, software frameworks, and operating systems. After obtaining a license to use the Tencent Effect SDK, you will get a license key and a license URL, which you need to provide to the SDK in order to unlock its features.

How do I get a production license for Tencent Effect?

You need to purchase a Tencent Effect package before you can use the SDK in your project. Choose a package that fits your needs and, after payment, contact your sales rep. We will issue a production license to your account as soon as possible. For details, see [Pricing Overview](#).

What is the validity period of a license? How do I renew it after expiration?

- **Trial license:** A trial license is valid for 28 days after issuance. For example, if you applied for a trial license on January 1, 2022, and it was issued to your account on January 2, 2022, the license would expire at 00:00:00 on January 31, 2022.
- **Production license:** A production license is valid for a year (365 days) after issuance. For example, if you applied for a production license on January 1, 2022, and it was issued to your account on January 2, 2022, the license would expire at 00:00:00 on January 3, 2023.

Can I modify the package name bound to a license?

You can change the Android package name and iOS bundle ID bound to a trial license.

However, you cannot change the package name or bundle ID bound to a production license.

How many package names and devices can I use a license for?

You can add one bundle ID and one package name to each license. There isn't a limit to the number of licenses an account can have or the number of devices a license can be used for.

How do I upgrade or downgrade a Tencent Effect license?

The Tencent Effect SDK comes in [11 editions](#). After your existing license expires, you can purchase a different package that better suits your needs. However, you cannot downgrade or upgrade a license within its validity period.

A trial license gives you access to S1-04, the most advanced and full-featured edition of the SDK. You can also switch to a production license that better suits your needs during the trial period.