

# Обработка ошибок iOS SDK

При получении статуса потока `kFPWCSStreamStatusFailed`, метод `FPWCSSApi2Stream.getStatusInfo` возвращает код возникшей ошибки, который может быть преобразован в текстовое описание при помощи метода `streamStatusToString`. Аналогичным образом обрабатываются и ошибки при совершении звонка.

## СПИСОК ОШИБОК

Ошибка	Описание
<b>kFPWCSStreamStatusInfo</b>	
kFPWCSStreamStatusInfoFailedByIceError	Failed by ICE error
kFPWCSStreamStatusInfoFailedByIceTimeout	Failed by ICE timeout
kFPWCSStreamStatusInfoFailedByIceKeepAlive	Failed by ICE keep alive
kFPWCSStreamStatusInfoFailedByDtlsFingerprintError	Failed by DTLS fingerprint error
kFPWCSStreamStatusInfoFailedByDtlsError	Failed by DTLS error
kFPWCSStreamStatusInfoFailedByHlsWriterError	Failed by HLS writer error
FPWCSStreamStatusInfoFailedByRtmpWriterError	Failed by RTMP writer error
kFPWCSStreamStatusInfoFailedByRtpActivity	Failed by RTP activity
kFPWCSStreamStatusInfoStoppedBySessionDisconnect	Stopped by session disconnect
kFPWCSStreamStatusInfoStoppedByRestTerminate	Stopped by REST API <code>/terminate</code> query
kFPWCSStreamStatusInfoStoppedByPublisherStop	Stopped by publisher stop
kFPWCSStreamStatusInfoStoppedByUser	Stopped by user

<b>Ошибка</b>	<b>Описание</b>
kFPWCSSStreamStatusInfoFailedByError	Failed by error
kFPWCSSStreamStatusInfoFailedToAddStreamToProxy	Failed to add stream to proxy
kFPWCSSStreamStatusInfoDistributorStopped	Distributor stopped
kFPWCSSStreamStatusInfoPublishStreamsNotReady	Publish stream is not ready
kFPWCSSStreamStatusInfoStreamNotFound	Stream not found
kFPWCSSStreamStatusInfoStreamNameAlreadyInUse	Stream name is already in use
kFPWCSSStreamStatusInfoMediaSessionIdNull	MediaSessionId is null
kFPWCSSStreamStatusInfoMediaSessionIdAlreadyInUse	MediaSessionId is already in use
kFPWCSSStreamStatusInfoSessionNotReady	Session not ready
kFPWCSSStreamStatusInfoSessionDoesNotExist	Session does not exist
kFPWCSSStreamStatusInfoRtspHasWrongFormat	Rtsp has wrong format
kFPWCSSStreamStatusInfoFileHasWrongFormat	File has wrong format
kFPWCSSStreamStatusInfoFailedToConnectToRtspStream	Failed to connect to rtsp stream
kFPWCSSStreamStatusInfoRtspStreamNotFound	Rtsp stream not found
kFPWCSSStreamStatusInfoRtspAgentShutdown	RtspAgent shutdown
kFPWCSSStreamStatusInfoStreamFailed	Stream failed
kFPWCSSStreamStatusInfoNoCommonCodecs	No common codecs
kFPWCSSStreamStatusInfoBadUri	Bad URI
kFPWCSSStreamStatusInfoGotExceptionWhileStreamingFile	Got exception while streaming file
kFPWCSSStreamStatusInfoRequestedStreamShutdown	Requested stream shutdown

<b>Ошибка</b>	<b>Описание</b>
kFPWCSSStreamStatusInfoFailedToReadFile	Failed to read file
kFPWCSSStreamStatusInfoFileNotFound	File not found
kFPWCSSStreamStatusInfoFailedToConnectToOriginStream	Failed to connect to origin stream
kFPWCSSStreamStatusInfoCdnStreamNotFound	CDN stream not found
kFPWCSSStreamStatusInfoFailedToGetAgentStorage	Failed to get agent storage
kFPWCSSStreamStatusInfoAgentServicingOriginStreamIsShuttingDown	Agent servicing origin stream is shutting down
kFPWCSSStreamStatusInfoTerminatedByKeepAlive	Terminated by keep-alive
kFPWCSSStreamStatusInfoTranscodingRequiredButDisabled	Transcoding is required, but disabled
<b>kFPWCSCallStatusInfo</b>	
kFPWCSCallStatusInfoNormalCallClearing	Normal call hangup
kFPWCSCallStatusInfoFailedBySessionCreation	Failed by session creation
kFPWCSCallStatusInfoFailedByIceError	Failed by ICE error
kFPWCSCallStatusInfoFailedByRtpActivity	Failed by RTP activity
kFPWCSCallStatusInfoFailedByRtmpWriterError	Failed by RTMP writer error
kFPWCSCallStatusInfoFailedByDtlsFingerprintError	Failed by DTLS fingerprint error
kFPWCSCallStatusInfoFailedByDtlsError	Failed by DTLS error
kFPWCSCallStatusInfoFailedByError	Failed by error
kFPWCSCallStatusInfoFailedByRequestTimeout	Failed by request timeout
kFPWCSCallStatusInfoTranscodingRequiredButDisabled	Transcoding is required, but disabled

## Пример кода обработки ошибок

В качестве примера рассмотрим код примера `Two Way Streaming`, файл имплементации `ViewController.m`

```
FPWCSSApi2Model.streamStatusToString(), FPWCSSApi2Stream.getStatus(),  
FPWCSSApi2Stream.getStatusInfo()
```

```
view.text = [FPWCSSApi2Model streamStatusToString:[stream getStatus]];
switch ([stream getStatus]) {
    case kFPWCSSStreamStatusFailed:
    {
        view.textColor = [UIColor redColor];
        switch ([stream getStatusInfo]) {
            case kFPWCSSStreamStatusInfoSessionDoesNotExist:
                view.text = @"Actual session does not exist";
                break;
            case kFPWCSSStreamStatusInfoStoppedByPublisherStop:
                view.text = @"Related publisher stopped its stream or lost  
connection";
                break;
            case kFPWCSSStreamStatusInfoSessionNotReady:
                view.text = @"Session is not initialized or terminated on  
play ordinary stream";
                break;
            case kFPWCSSStreamStatusInfoRtspStreamNotFound:
                view.text = @"Rtsp stream is not found, agent received '404-  
Not Found'";
                break;
            case kFPWCSSStreamStatusInfoFailedToConnectToRtspStream:
                view.text = @"Failed to connect to rtsp stream";
                break;
            case kFPWCSSStreamStatusInfoFileNotFound:
                view.text = @"File does not exist, check filename";
                break;
            case kFPWCSSStreamStatusInfoFileHasWrongFormat:
                view.text = @"Failed to play vod stream, this format is not  
supported";
                break;
            case kFPWCSSStreamStatusInfoStreamNameAlreadyInUse:
                view.text = @"Server already has a publish stream with the  
same name, try using different one";
                break;
        }
        break;
    }
    ...
}
```