

ABSTRACT

A real-time online and offline chorus method, a device, and a medium, relating to the technical field of communications. The method is applied to a cloud server, and comprises: a stream pull-to-push service network pulls an offline real-time audio and video stream and
5 generates a current annotation progress, and a real-time audio and video service network issues the real-time audio and video stream pushed by the stream pull-to-push service network and the current annotation progress to a target chorus user terminal, such that the target chorus user terminal plays the real-time audio and video stream and uses the current annotation progress to annotate a local human voice audio stream so as to obtain an annotated human
10 voice audio stream; and the real-time audio and video service network acquires the annotated human voice audio stream, and uses a real-time audio and video stream pulling service network to pull the real-time audio and video stream, the current annotation progress and the annotated human voice audio stream to a cloud confluence service network, such that the cloud confluence service network combines the real-time audio and video stream and the
15 annotated human voice audio stream, and pushes the combined audio and video stream to a content distribution network for distribution. Real-time online and offline chorus can be achieved.

Fig. 2