

CLAIMS

1. A method for in-sequence live streaming, comprising:

receiving a terminal type of a streamer terminal sent by the streamer terminal during the in-sequence live streaming, said terminal type being sent to a server when it is detected that an account identifier of an account logged in locally is located in a preset position of a list of speaking sequence during the in-sequence live streaming;

determining a target transcoding mode corresponding to the terminal type of the streamer terminal according to a pre-stored corresponding relation between the terminal type and the transcoding mode; and

receiving live streaming data sent by the streamer terminal, transcoding the live streaming data according to the target transcoding mode, and sending the transcoded live streaming data to at least one viewer terminal of a live streaming room to which the streamer terminal belongs; wherein

before receiving the live streaming data sent by the streamer terminal, the method further comprises:

obtaining the account identifier of the account currently logged in the streamer terminal; and

sending a start streaming prompt to the streamer terminal if it is detected that a target authentication information corresponding to the account identifier and a target terminal type is stored locally, so that after receiving and displaying a start streaming prompt sent by the server, the streamer terminal displays a start streaming prompt window, and when receiving streaming instruction input by a user by clicking a streaming button in the start streaming prompt window, obtaining the live streaming data, and sending the live streaming data to the server.

2. The method as recited in claim 1, wherein sending the transcoded live streaming data to a viewer terminal comprises:

obtaining terminal type of each viewer terminal of the live streaming room to which the streamer terminal belongs; and

performing image cropping on the transcoded live streaming data based on display ratio of the terminal type of the viewer terminal and display ratio of the terminal type of the streamer terminal, and sending the cropped live streaming data to the viewer terminal.

3. A method for in-sequence live streaming, comprising:

sending a local terminal type of a streamer terminal to a server when it is detected that an account identifier of an account logged in locally is located in a preset position of a list of speaking sequence during the in-sequence live streaming, so that the server is able to determine a target transcoding mode corresponding to the terminal type based on a pre-stored corresponding relation between the terminal type and transcoding mode; and

obtaining live streaming data and sending the live streaming data to the server when a start streaming triggering event is detected, so that the server transcodes the live streaming data according to the target transcoding mode, and sends the transcoded live streaming data to a viewer terminal, wherein

obtaining live streaming data and sending the live streaming data to the server when a start streaming triggering event is detected comprises:

obtaining the account identifier of the account currently logged in the streamer terminal; and

receiving and displaying a start streaming prompt sent by the server if it is detected that a target authentication information corresponding to the account identifier and a target terminal type is stored locally, and when a start streaming instruction input by the user is received, displaying a start streaming prompt window, and when receiving streaming instruction input by a user by clicking a streaming button in the start streaming prompt window, obtaining the live streaming data, and sending the live streaming data to the server.

4. A server, comprising:

a receiving module for receiving a terminal type of a streamer terminal sent by the streamer terminal during the in-sequence live streaming, said terminal type being sent to the server when it is detected that an account identifier of an account logged in locally is located in a preset position of a list of speaking sequence during the in-sequence live streaming;

a determination module for determining a target transcoding mode corresponding to the terminal type of the streamer terminal according to a pre-stored corresponding relation between the terminal type and the transcoding mode;

a sending module for receiving live streaming data sent by the streamer terminal, transcoding the live streaming data according to the target transcoding mode, and sending a transcoded live streaming data to at least one viewer terminal of a live streaming room to which the streamer terminal belongs;

an obtaining module for obtaining an account identifier of an account currently logged in the streamer terminal; and

a detection module for sending a start streaming prompt to the streamer terminal if it is detected that a target authentication information corresponding to the account identifier and a target terminal type is stored locally, so that after receiving and displaying a start streaming prompt sent by the server, the streamer terminal displays a start streaming prompt window, and when receiving streaming instruction input by a user by clicking a streaming button in the start streaming prompt window, obtaining the live streaming data, and sending the live streaming data to the server.

5. The server as recited in claim 4, wherein the sending module is configured for:

obtaining terminal type of each viewer terminal of the live streaming room to which the streamer terminal belongs; and performing image cropping on the transcoded live streaming data based on display ratio of the terminal type of the viewer terminal and display ratio of the terminal type of the streamer terminal, and sending the cropped live streaming data to the viewer terminal.

6. A streamer terminal, comprising:

a first sending module for sending a local terminal type of a streamer terminal to a server when it is detected that an account identifier of an account logged in locally is located in a preset position of a list of speaking sequence during an in-sequence live streaming, so that the server is able to determine a target transcoding mode corresponding to the terminal type based on a pre-stored corresponding relation between the terminal type and transcoding mode; and

a second sending module for obtaining live streaming data and sending the live streaming data to the server when a start streaming triggering event is detected, so that the server transcodes the live streaming data according to the target transcoding mode, and sends a transcoded live streaming data to a viewer terminal; wherein

the second sending module is configured for:

obtaining the account identifier of the account currently logged in the streamer terminal;

receiving and displaying a start streaming prompt sent by the server if it is detected that a target authentication information corresponding to the account identifier and a target terminal type is stored locally, and when a start streaming instruction input by the user is received, displaying a start streaming prompt window, and when receiving streaming instruction input by a user by clicking a streaming button in the start streaming prompt window, obtaining the live streaming data, and sending the live streaming data to the server.

7. A system for in-sequence live streaming, comprising a server and a streamer terminal, wherein

the server is used during the in-sequence live streaming for:

receiving a terminal type of the streamer terminal sent by the streamer terminal when it is detected that an account identifier of an account logged in locally is located in a preset position of a list of speaking sequence during the in-sequence live streaming;

determining a target transcoding mode corresponding to the terminal type of the streamer terminal according to a pre-stored corresponding relation between the terminal type and the transcoding mode; and

receiving live streaming data sent by the streamer terminal, transcoding the live streaming data according to the target transcoding mode; and

sending a transcoded live streaming data to a viewer terminal of a live streaming room to which the streamer terminal belongs;

the server is further used during the in-sequence live streaming for:

before receiving the live streaming data sent by the streamer terminal,

obtaining the account identifier of the account currently logged in the streamer terminal, and

sending a start streaming prompt to the streamer terminal if it is detected that a target authentication information corresponding to the account identifier and a target terminal type is stored locally, so that after receiving and displaying a start streaming prompt sent by the server, the streamer terminal displays a start streaming prompt window, and when receiving streaming instruction input by a user by clicking a streaming button in the start streaming prompt window, obtaining the live streaming data, and sending the live streaming data to the server;

and

the streamer terminal is used during the in-sequence live streaming for:

upon detection of an account identifier of the account logged in locally is located in a preset position of a list of speaking sequence, sending the local terminal type to the server; and for obtaining the live streaming data, and sending the live streaming data to the server when a start

streaming triggering event is detected, wherein

obtaining live streaming data and sending the live streaming data to the server when a start streaming triggering event is detected comprises:

obtaining the account identifier of the account currently logged in the streamer terminal; and
receiving and displaying a start streaming prompt sent by the server if it is detected that a target authentication information corresponding to the account identifier and a target terminal type is stored locally, and when a start streaming instruction input by the user is received, displaying a start streaming prompt window, and when receiving streaming instruction input by a user by clicking a streaming button in the start streaming prompt window, obtaining the live streaming data, and sending the live streaming data to the server.