CLAIMS

1. A message processing method, comprising:

acquiring, by a message broker component, a plurality of messages generated by a data analysis system via at least one message queue, wherein the data analysis system is used for analyzing scene data to generate the plurality of messages, and a message transfer mode between the data analysis system and the message broker component is an issuing/subscribing mode;

determining, by the message broker component, a target channel corresponding to each message in at least two connecting channels; and

forwarding, by the message broker component, the each message to a management system via the target channel corresponding to the each message to enable the management system to process a message transmitted by each target channel based on a message processing strategy corresponding to the each target channel.

2. The method according to claim 1, wherein

the data analysis system comprises a plurality of function modules, each function module of the plurality of function modules is configured to analyze the scene data collected in a game place in real time by adopting an analysis method corresponding to the function module to generate a corresponding message; the message is used for indicating whether there is an abnormal event in the game place or not;

the management system is configured to exhibit the plurality of messages forwarded by the message broker component to a game controller.

3. The method according to claim 2, wherein the data analysis system further comprises a camera component arranged in the game place, the camera component being configured to

collect the scene data in the game place in real time.

4. The method according to claim 3, wherein the acquiring a plurality of messages generated by a data analysis system via at least one message queue comprises:

acquiring a target topic corresponding to the message queue for each message queue in at least one message queue, and storing the message corresponding to the target topic in the plurality of messages in the message queue; and

pulling the plurality of messages generated by the data analysis system from the at least one message queue.

5. The method according to claim 1, wherein the determining a target channel corresponding to each message in at least two connecting channels comprises:

determining a target channel corresponding to the each message based on the message queue corresponding to the each message and a preset first mapping relationship table, wherein the first mapping relationship table comprises a mapping relationship between the message queue and the target channel.

6. The method according to any one of claims 1-4, wherein the determining a target channel corresponding to each message in at least two connecting channels further comprises:

analyzing the each message to obtain attribute information carried by the each message; and

determining the target channel corresponding to the each message in the at least two connecting channels based on the attribute information carried by the each message.

7. The method according to claim 6, wherein the attribute information at least comprises at least one of a message type or a message identifier, the message type being used for determining a priority by which the management system processes the message, and the message identifier being used for identifying a way through which the management system exhibits the message.

8. The method according to claim 7, wherein in a case where the attribute information comprises the message type, the determining the target channel corresponding to the each message in the at least two connecting channels based on the attribute information carried by the each message comprises:

in a case where the message type of the message is a warning message, regarding a first connecting channel corresponding to the warning type in the at least two connecting channels as the target channel corresponding to the message; and

in a case where the message type of the message is a non-warning type, regarding a second connecting channel corresponding to the non-warning type in the at least two connecting channels as the target channel corresponding to the message, wherein the priority by which the management system processes the message in the first connecting channel is superior to the priority by which the management system processes the message in the second connecting channel.

9. The method according to claim 8, wherein the regarding a first connecting channel corresponding to the warning type in the at least two connecting channels as the target channel corresponding to the message comprises:

determining an warning grade of the message according to the warning type of the message; and

regarding a first connecting channel corresponding to the warning grade in the at least two connecting channels as the target channel corresponding to the message.

10. The method according to claim 7, wherein in a case where the attribute information comprises the message identifier of the message, the determining the target channel corresponding to the each message in the at least one connecting channels based on the attribute information carried by the each message comprises:

regarding a third connecting channel corresponding to the message identifier in the at least two connecting channels as the target channel corresponding to the message, wherein the management system exhibits the message corresponding to the message identifier in the third connecting channel via an exhibition way corresponding to the message identifier.

11. The method according to claim 10, wherein the regarding a third connecting channel corresponding to the message identifier in the at least two connecting channels as the target channel corresponding to the message comprises:

determining the exhibition way corresponding to the message according to the message identifier of the message and a preset second mapping relationship table, wherein the second mapping relationship table comprises a mapping relationship between the message and the exhibition way, and the exhibition way comprises at least one of display screen exhibition, indicator lamp exhibition or audio exhibition; and

regarding the third connecting channel corresponding to the exhibition way in the at least two connecting channels as the target channel corresponding to the message based on the exhibition way of the message.

12. A message processing system, wherein the message processing system comprises a data analysis system, a message broker component and a management system, wherein

the data analysis system is configured to analyze scene data to generate a plurality of messages and send the plurality of messages to the message broker component, wherein a message transfer mode between the data analysis system and the message broker component

is an issuing/subscribing mode;

the message broker component is configured to acquire the plurality of messages via at least one message queue, determine a target channel corresponding to each message in at least two connecting channels, and forward the each message to the management system via the target channel corresponding to the each message;

the management system is configured to process a message transmitted by each target channel based on a message processing strategy corresponding to the each target channel.

13. A message processing apparatus, comprising:

an acquisition unit, configured to acquire a plurality of messages generated by a data analysis system via at least one message queue, wherein the data analysis system is used for analyzing scene data to generate the plurality of messages, and a message transfer mode between the data analysis system and the acquisition unit is an issuing/subscribing mode;

a determination unit, configured to determine a target channel corresponding to each message in at least two connecting channels; and

a forwarding unit, configured to forward the each message to a management system via the target channel corresponding to the each message to enable the management system to process a message transmitted by each target channel based on a message processing strategy corresponding to the each target channel.

14. A message processing device, comprising a memory and a processor,

wherein the memory stores a computer program capable of running on the processor,

the processor is configured to execute the computer program to:

acquire, by a message broker component running on the processor, a plurality of messages generated by a data analysis system via at least one message queue, wherein the

data analysis system is used for analyzing scene data to generate the plurality of messages;

determine, by the message broker component, a target channel corresponding to each message in at least two connecting channels; and

forward, by the message broker component, the each message to a management system via the target channel corresponding to the each message to enable the management system to process a message transmitted by each target channel based on a message processing strategy corresponding to the each target channel.

15. The device according to claim 14, wherein when the determining a target channel corresponding to each message in at least two connecting channels, the processor is configured to:

determine a target channel corresponding to the each message based on the message queue corresponding to the each message and a preset first mapping relationship table, wherein the first mapping relationship table comprises a mapping relationship between the message queue and the target channel.

16. The device according to claim 14, wherein when the determining a target channel corresponding to each message in at least two connecting channels, the processor is further configured to:

analyze the each message to obtain attribute information carried by the each message; and

determine the target channel corresponding to the each message in the at least two connecting channels based on the attribute information carried by the each message.

17. The device according to claim 16, wherein the attribute information at least comprises at least one of a message type or a message identifier, the message type being used for

determining a priority by which the management system processes the message, and the message identifier being used for identifying a way through which the management system exhibits the message.

18. The device according to claim 17, wherein when the determining the target channel corresponding to the each message in the at least two connecting channels based on the attribute information carried by the each message in a case where the attribute information comprises the message type, the processor is configured to:

in a case where the message type of the message is a warning message, regard a first connecting channel corresponding to the warning type in the at least two connecting channels as the target channel corresponding to the message; and

in a case where the message type of the message is a non-warning type, regard a second connecting channel corresponding to the non-warning type in the at least two connecting channels as the target channel corresponding to the message, wherein the priority by which the management system processes the message in the first connecting channel is superior to the priority by which the management system processes the message in the second connecting channel.

19. A computer storage medium, having one or more computer programs stored thereon, wherein when executed by one or more processors, the one or more computer programs are configured to:

acquire, by a message broker component running on the one or more processors, a plurality of messages generated by a data analysis system via at least one message queue, wherein the data analysis system is used for analyzing scene data to generate the plurality of messages;

determine, by a message broker component a target channel corresponding to each message in at least two connecting channels; and

forward, by the message broker component, the each message to a management system via the target channel corresponding to the each message to enable the management system to process a message transmitted by each target channel based on a message processing strategy corresponding to the each target channel.

20. A computer program, comprising a computer-readable code, wherein when executed in an electronic device, a processor in the electronic device is configured to:

acquire, by a message broker component running on the processor, a plurality of messages generated by a data analysis system via at least one message queue, wherein the data analysis system is used for analyzing scene data to generate the plurality of messages;

determine, by the message broker component, a target channel corresponding to each message in at least two connecting channels; and

forward, by the message broker component, the each message to a management system via the target channel corresponding to the each message to enable the management system to process a message transmitted by each target channel based on a message processing strategy corresponding to the each target channel.