CLAIMS

1. A message processing method, applied to a message broker component, comprising:

acquiring a plurality of messages generated by a Data Analyzing System (DAS) through at least one message queue, the DAS being used for analyzing scene data ~~to generate the plurality of messages~~ collected in a game place by adopting analyzing methods corresponding to a plurality of function modules to generate the plurality of messages, the plurality of messages being used for indicating whether there is an abnormal event in the game place or not;

filtering the plurality of messages based on a preset configuration file to obtain at least one filtered message, the configuration file being used for filtering out a message, which does not need to be forwarded to a management system, in the plurality of messages based on at least one attribute dimension of the message and an interception parameter corresponding to each attribute dimension;

determining a target channel corresponding to each filtered message in at least two connecting channels; and

forwarding the each filtered message to the management system through the target channel corresponding to the each filtered message, enabling the management system to process a message transmitted by each target channel based on a message processing strategy corresponding to the each target channel, and display the filtered message forwarded by the message broker component to a game controller.

~~2. The method of claim 1, wherein the method is applied to a message broker component, the message broker component being configured to filter the plurality of messages generated by the DAS and forward the filtered message to the management system, wherein the DAS comprises a plurality of function modules, each function module being configured to analyze scene data collected in a game place by adopting an analyzing method corresponding to the each 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 display the filtered message forwarded by the message broker component to a game controller.~~

~~3~~2. The method of claim ~~2~~1, wherein the DAS further comprises a camera component arranged in the game place, the camera component being configured to collect the scene data in the game place.

~~4~~3. The method of claim ~~2 ~~1 or ~~3~~2, wherein filtering the plurality of messages based on the preset configuration file to obtain the at least one filtered message comprises:

parsing the configuration file to obtain an interception parameter of at least one attribute dimension;

parsing the each message to determine attribute information carried by the each message; and

filtering the plurality of messages based on the interception parameter of the at least one attribute dimension and the attribute information of the each message to obtain the at least one filtered message.

~~5~~4. The method of claim ~~4~~3, wherein the interception parameter of the at least one attribute dimension comprises the interception parameter of a function module dimension corresponding to the message; wherein filtering the plurality of messages based on the interception parameter of the at least one attribute dimension and the attribute information of the each message to obtain the at least one filtered message comprises:

determining a function module to be intercepted in at least one function module of the DAS based on the interception parameter of the function module dimension;

determining the function module corresponding to the each message according to the attribute information of the each message; and

removing the message corresponding to the function module which is the function module to be intercepted from the plurality of messages to obtain the at least one filtered message.

~~6~~5. The method of claim ~~4~~3, wherein the interception parameter of at least one attribute dimension comprises the interception parameter of a message identifier dimension; wherein filtering the plurality of messages based on the interception parameter of the at least one attribute dimension and the attribute information of the each message to obtain the at least one filtered message comprises:

determining a message identifier to be intercepted in a plurality of message identifiers corresponding to the plurality of messages based on the interception parameter of the message identifier dimension;

determining a message identifier corresponding to the each message according to the attribute information of the each message; and

removing the message whose message identifier is the message identifier to be intercepted from the plurality of messages to obtain the at least one filtered message.

~~7~~6. The method of any one of claims ~~2~~ 1 to ~~6~~5, further comprising:

receiving a triggering event for updating the configuration file; and

in response to the triggering event, acquiring a configuration file in a publishing platform as the preset configuration file.

~~8~~7. The method of claim ~~7~~6, wherein the triggering event comprises at least one of:

the message broker component is started; or

the publishing platform receives a configuration instruction of a user for the configuration file.

~~9~~8. The method of any one of claims 1 to ~~8~~7, further comprising:

acquiring, through the at least one message queue, a plurality of test messages generated by the DAS for sample scene data;

comparing the plurality of test messages with a standard message corresponding to the sample scene data to determine at least one error message; and

generating the configuration file based on the at least one error message.

~~10~~9. The method of claim ~~9~~8, wherein generating the configuration file based on the at least one error message comprises:

parsing the at least one error message to obtain the attribute information of each error message, the attribute information of the error message comprising at least one of a function module or a message identifier corresponding to the error message; and

generating the configuration file based on the attribute information of the each error message, the configuration file comprising the interception parameter of at least one attribute dimension.

~~11~~10. The method of claim ~~3~~2, wherein acquiring, through the at least one message queue, the plurality of messages generated by the DAS comprises:

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

pulling the plurality of messages generated by the DAS from the at least one message queue.

~~12~~11. The method of claim ~~11~~10, wherein pulling the plurality of messages generated by the DAS from the at least one message queue comprises:

determining at least one topic to be pulled based on the configuration file; and

pulling the message from the message queue corresponding to each topic to be pulled

based on the at least one topic to be pulled.

~~13~~12. A message processing device, comprising a memory and a processor;

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

wherein when executing the computer program, the processor is configured to:

acquire a plurality of messages generated by a Data Analyzing System (DAS) through at least one message queue, the DAS being used for analyzing scene data ~~to generate the plurality of messages~~ collected in a game place by adopting analyzing methods corresponding to a plurality of function modules to generate the plurality of messages, the plurality of messages being used for indicating whether there is an abnormal event in the game place or not;

filter the plurality of messages based on a preset configuration file to obtain at least one filtered message, the configuration file being used for filtering out a message, which does not need to be forwarded to a management system, in the plurality of messages based on at least one attribute dimension of the message and an interception parameter corresponding to each attribute dimension;

determine a target channel corresponding to each filtered message in at least two connecting channels; and

forward the each filtered message to the management system through the target channel corresponding to the each filtered message, enabling the management system to process a message transmitted by each target channel based on a message processing strategy corresponding to the each target channel, and display the filtered message forwarded by the message broker component to a game controller.

~~14~~13. The message processing device of claim ~~13~~12, wherein when filtering the plurality of messages based on the preset configuration file to obtain the at least one filtered message, the processor is configured to:

parse the configuration file to obtain an interception parameter of at least one attribute dimension;

parse the each message to determine attribute information carried by the each message; and

filter the plurality of messages based on the interception parameter of the at least one attribute dimension and the attribute information of the each message to obtain the at least one filtered message.

~~15~~14. The message processing device of claim ~~14~~13, wherein the interception parameter of the at least one attribute dimension comprises the interception parameter of a function module dimension corresponding to the message; wherein when filtering the plurality of messages based on the interception parameter of the at least one attribute dimension and the attribute information of the each message to obtain the at least one filtered message, the processor is configured to:

determine a function module to be intercepted in at least one function module of the DAS based on the interception parameter of the function module dimension;

determine the function module corresponding to the each message according to the attribute information of the each message; and

remove the message corresponding to the function module which is the function module to be intercepted from the plurality of messages to obtain the at least one filtered message.

~~16~~15. The message processing device of claim ~~14~~13, wherein the interception parameter of at least one attribute dimension comprises the interception parameter of a message identifier dimension; wherein when filtering the plurality of messages based on the interception parameter of the at least one attribute dimension and the attribute information of the each message to obtain the at least one filtered message, the processor is configured to:

determine a message identifier to be intercepted in a plurality of message identifiers corresponding to the plurality of messages based on the interception parameter of the message identifier dimension;

determine a message identifier corresponding to the each message according to the

attribute information of the each message; and

remove the message whose message identifier is the message identifier to be intercepted from the plurality of messages to obtain the at least one filtered message.

~~17~~16. The message processing device of any one of claims ~~14~~ 13 to ~~16~~15, wherein the processor is further configured to:

receive a triggering event for updating the configuration file; and

in response to the triggering event, acquire a configuration file in a publishing platform as the preset configuration file.

~~18~~17. The message processing device of any one of claims ~~13~~ 12 to ~~17~~16, wherein the processor is further configured to:

acquire, through the at least one message queue, a plurality of test messages generated by the DAS for sample scene data;

compare the plurality of test messages with a standard message corresponding to the sample scene data to determine at least one error message; and

generate the configuration file based on the at least one error message.

~~19~~18. A computer storage medium, storing one or more computer programs, wherein the one or more computer programs are executed by one or more processors to:

acquire a plurality of messages generated by a Data Analyzing System (DAS) through at least one message queue, the DAS being used for analyzing scene data ~~to generate the plurality of messages~~ collected in a game place by adopting analyzing methods corresponding to a plurality of function modules to generate the plurality of messages, the plurality of messages being used for indicating whether there is an abnormal event in the game place or not; filter the plurality of messages based on a preset configuration file to obtain at least one filtered message, the configuration file being used for filtering out a message, which does not

need to be forwarded to a management system, in the plurality of messages based on at least one attribute dimension of the message and an interception parameter corresponding to each attribute dimension;

determine a target channel corresponding to each filtered message in at least two connecting channels; and

forward the each filtered message to the management system through the target channel corresponding to the each filtered message, enabling the management system to process a message transmitted by each target channel based on a message processing strategy corresponding to the each target channel, and display the filtered message forwarded by the message broker component to a game controller.

~~20~~19. A computer program, comprising computer instructions executable by an electronic device, wherein when executed by a processor in the electronic device, the computer instructions are configured to:

acquire a plurality of messages generated by a Data Analyzing System (DAS) through at least one message queue, the DAS being used for analyzing scene data to ~~generate the plurality of messages~~

collected in a game place by adopting analyzing methods corresponding to a plurality of function modules to generate the plurality of messages, the plurality of messages being used for indicating whether there is an abnormal event in the game place or not;

filter the plurality of messages based on a preset configuration file to obtain at least one filtered message, the configuration file being used for filtering out a message, which does not need to be forwarded to a management system, in the plurality of messages based on at least one attribute dimension of the message and an interception parameter corresponding to each attribute dimension;

determine a target channel corresponding to each filtered message in at least two connecting channels; and

forward the each filtered message to the management system through the target channel corresponding to the each filtered message, enabling the management system to process a message transmitted by each target channel based on a message processing strategy

corresponding to the each target channel, and display the filtered message forwarded by the message broker component to a game controller.