

## CLAIMS

1. An information storage method comprising:

receiving an information item and a corresponding information tag from a user information view;

determining a column family corresponding to the information tag by means of a preset tag configuration table, wherein the information tag comprises a first-class tag and a sub-class tag, the column family comprises one or multiple sub-columns;

selecting the column family corresponding to the first-class tag from column families pre-configured in a database;

selecting the sub-column corresponding to the sub-class tag, from the column family corresponding to the first-class tag, storing the information item into the sub-column corresponding to the sub-class tag; and

obtaining an extension tag of the information item, storing the extension tag of the information item into the sub-column corresponding to the sub-class tag, wherein the extension tag of the information item is configured for further describing attribute of the information item.

2. The information storage method of claim 1, wherein the step of determining a column family corresponding to the information tag by means of the preset tag configuration table comprises:

determining, by means of the preset tag configuration table, the column family corresponding to the first-class tag and the sub-column corresponding to the sub-class tag.

3. The information storage method of claim 2, wherein the information storage method further comprises:

if receiving the configuration information of tags updated in the user information view, updating the column families and/or sub-columns in the database as well as updating the tag configuration table.

4. The information storage method of claim 3, wherein the information storage method further comprises: if receiving updating information of the information item, updating the information item stored in the sub-column according to the updating information.

5. An information storage system comprising:

an obtaining module, configured for receiving an information item and a corresponding information tag from a user information view;

a determining module, configured for, by means of a preset tag configuration table determining the column family corresponding to the tag, wherein the information tag comprises a first-class tag and a sub-class tag, the column family comprises one or multiple sub-columns; and

a storing module, configured for selecting the column family corresponding to the first-class tag from column families pre-configured in a database; selecting the sub-column corresponding to the sub-class tag from the column family corresponding to the first-class tag, storing the information item into the sub-column corresponding to the sub-class tag; and obtaining an extension tag of the information item, storing the extension tag of the information item into the sub-column corresponding to the sub-class tag, wherein the extension tag of the information item is configured for further describing attribute of the information item.

6. The information storage system of claim 5, wherein the determining module is further configured for:

determining the column family corresponding to the first-class tag and the sub-column corresponding to the sub-class tag, by means of the preset tag configuration table.

7. The information storage system of claim 6, wherein the information storage system further comprises:

an updating module, configured for, if receiving the configuration information of tags updated in the user information view, updating the column families and/or sub-columns in the database as well as updating the tag configuration table.

8. The information storage system of claim 7, wherein the updating module is further configured for:

if receiving updating information of the information item, updating the information item stored in the sub-column according to the updating information.

9. An information storage device, wherein the information storage device comprises a processor, a network interface, and a storage medium;

the storage medium stores an information storage program;

the network interface is connected with a database for communicating with the database;

the processor is configured for executing the information storage program to perform following steps:

receiving an information item and a corresponding information tag from a user information view;

determining a column family corresponding to the information tag by means of a preset tag configuration table, wherein the information tag comprises a first-class tag and a sub-class tag, the column family comprises one or multiple sub-columns;

selecting the column family corresponding to the first-class tag from column families pre-configured in a database;

selecting the sub-column corresponding to the sub-class tag, from the column family corresponding to the first-class tag, storing the information item into the sub-column corresponding to the sub-class tag; and

obtaining an extension tag of the information item, storing the extension tag of the information item into the sub-column corresponding to the sub-class tag, wherein the extension tag of the information item is configured for further describing attribute of the information item.

10. The information storage device of claim 9, wherein the processor is configured for executing the information storage program to perform following steps:

determining, by means of the preset tag configuration table, the column family corresponding to the first-class tag and the sub-column corresponding to the sub-class tag.

11. The information storage device of claim 10, wherein the processor is configured for executing the information storage program to perform a following step:

if receiving the configuration information of tags updated in the user information view, updating the column families and/or sub-columns in the database as well as updating the tag configuration table.

12. The information storage device of claim 11, wherein the processor is configured for executing the information storage program to perform a following step:

if receiving updating information of the information item, updating the information item stored in the sub-column according to the updating information.

13. A computer-readable storage medium with one or more programs stored thereon, which, when being executed by one or more processors, cause the one or more processors to perform following steps:

receiving an information item and a corresponding information tag from a user information view;

determining a column family corresponding to the information tag by means of a preset tag configuration table, wherein the information tag comprises a first-class tag and a sub-class tag, the column family comprises one or multiple sub-columns;

selecting the column family corresponding to the first-class tag from column families pre-configured in a database;

selecting the sub-column corresponding to the sub-class tag, from the column family corresponding to the first-class tag, storing the information item into the sub-column corresponding to the sub-class tag; and

obtaining an extension tag of the information item, storing the extension tag of the information item into the sub-column corresponding to the sub-class tag, wherein the extension tag of the information item is configured for further describing attribute of the information item.

14. The storage medium of claim 13, wherein when being executed by the one or more processors, the one or more programs cause the one or more processors to perform following steps:

determining, by means of the preset tag configuration table, the column family corresponding to the first-class tag and the sub-column corresponding to the sub-class tag.

15. The storage medium of claim 14, wherein when being executed by the one or more processors, the one or more programs cause the one or more processors to perform a following step:

if receiving the configuration information of tags updated in the user information view, updating the column families and/or sub-columns in the database as well as updating the tag configuration table.

16. The storage medium of claim 15, wherein when being executed by the one or more processors, the one or more programs cause the one or more processors to perform a following step:

if receiving updating information of the information item, updating the information item stored in the sub-column according to the updating information.