

CLAIMS

1. A data access authority management method, comprising:

(a) obtaining report metadata in Tableau comprising storing the report metadata in Postgre SQL database, and forming a report relationship table, wherein the report relationship table comprises at least one report metadata information, the report metadata information comprises the report ID and the step of creating folder data in Portal platform further comprises: storing the folder data in Oracle database, and forming a folder relationship table, the folder relationship table comprises at least one folder information, the folder information comprises folder ID and folder name; the step of creating the correlation relationship between the report ID and the folder ID in Portal platform comprises: creating a correlation relationship information table in Portal platform, the correlation relationship information table comprises at least one correlation relationship information, the correlation relationship information comprises the report ID and the folder ID, wherein the report metadata comprises report ID;

(b) creating folder data in Portal platform, wherein the folder data comprises at least one folder, and the folder comprises folder ID;

(c) creating a correlation relationship between the report ID and the folder ID in Portal platform;

(d) obtaining user class authority configuration request entered by user, wherein

the user class authority configuration request comprises user class ID and target folder ID;

(e) performing a user class authority configuration in Portal platform based on the user class authority configuration request, so as to enable a user class corresponding to the user class ID to have access authority to access report metadata which is corresponded to the folder ID corresponding to the target folder ID.

2. The data access authority management method according to claim 1, wherein the data access authority management method further comprises:

obtaining a personal authority configuration request entered by user, wherein the personal authority configuration request comprises user ID and target user class ID;

performing a personal authority configuration in Portal platform based on the personal authority configuration request, so that a user corresponding to the user ID has a user class authority corresponding to the target user class ID.

3. The data access authority management method according to claim 2, wherein the data access authority management method further comprises:

obtaining data access request entered by user, wherein the data access request comprises user ID and target folder ID;

obtaining a corresponding target user class ID based on the user ID;

determining whether a user class corresponding to the target user class ID has access authority to access the report metadata which is corresponded to the report ID corresponding to the target folder ID;

displaying the report metadata which is corresponded to the report ID corresponding to the target folder ID, if the user class corresponding to the target user class ID has the access authority to access the report metadata which is corresponded to the report ID corresponding to the target folder ID.

4. The data access authority management method according to anyone claim of claims 1-3, wherein the folder data comprises multilayer nested folder groups, and each group comprises at least one folder.

5. A data access authority management apparatus, comprising:

a report metadata obtaining module configured to obtain report metadata in

Tableau, the report metadata comprises report ID, wherein the data access authority management apparatus further comprises: the report metadata obtaining module is further configured to store the report metadata in PostgreSQL database, and form a report relationship table, the report relationship table comprises at least one report metadata information, the report metadata information comprises report ID and report name; the folder data creation module is further configured to store the folder data in Oracle database, and form a folder relationship table, the folder relationship table comprises at least one folder information, the folder information comprises folder ID and folder name; the correlation relationship creation modules is further configured to create a correlation relationship information table in Portal platform, the correlation relationship information table comprises at least one correlation relationship information, the correlation relationship information comprises the report ID and the folder ID;

a folder data creation module configured to create folder data in Portal platform, the folder data comprises at least one folder, and the folder comprises folder ID;

a correlation relationship creation module configured to create a correlation relationship between the report ID and the folder ID in Portal platform;

a user class request obtaining module configured to obtain a user class authority configuration request entered by user, the user class authority configuration request comprises user class ID and target folder ID;

a user class authority configuration module configured to perform user class authority configuration in Portal platform based on the user class authority configuration request, so as to enable a user class corresponding to the user class ID to have access authority to access report metadata which is corresponded to the report ID corresponding to the target folder ID.

6. The data access authority management apparatus according to claim 5, wherein the data access authority management apparatus further comprises:

a personal request obtaining module configured to obtain a personal authority configuration request entered by user, the personal authority configuration request comprises user ID and target user class ID;

a personal authority configuration module configured to perform personal authority configuration in Portal platform based on the personal authority configuration request, so that a user corresponding to the user ID has a user class authority corresponding to the target user class ID.

7. The data access authority management apparatus according to claim 6, wherein the data access authority management apparatus further comprises:

data access request obtaining module configured to obtain data access request

entered by user, the data access request comprises user ID and target folder ID;

target user class ID obtaining module configured to obtain a corresponding target user class ID based on the user ID.

a user authority determination module configured to determine whether a user class corresponding to the target user class ID has access authority to access the report metadata which is corresponded to the report ID corresponding to the target folder ID;

a report data display module configured to display the report metadata which is corresponded to the report ID corresponding to the target folder ID, if the user class corresponding to the target user class ID has access authority to access the report metadata which is corresponded to the report ID corresponding to the target folder ID.

8. The data access authority management apparatus according to anyone claim of claims 5-7, wherein the folder data comprises multilayer nested folder groups, each folder group comprises at least one folder.

9. A terminal device, comprising a memory, a processor and computer readable instructions which is stored in the memory and run on the processor, wherein the following steps are performed when the processor executes the computer readable instructions:

obtaining report metadata in Tableau, the report metadata comprises report ID

and, storing the report metadata in Postgre SQL database, and forming a report relationship table, the report relationship table comprises at least one report metadata information, the report metadata information comprises the report ID and the report name; the creating folder data in Portal platform further comprises: storing the folder data in Oracle database, and forming a folder relationship table, the folder relationship table comprises at least one folder information, the folder information comprises the folder ID and folder name; the creating the correlation relationship between the report ID and the folder ID in Portal platform comprises: creating a correlation relationship information table in Portal platform, the correlation relationship information table comprises at least one correlation relationship information, the correlation relationship information comprises the report ID and the folder ID;

creating folder data in Portal platform, the folder data comprises at least one folder, and the folder comprises folder ID;

creating a correlation relationship between the report ID and the folder ID in Portal platform;

obtaining a user class authority configuration request entered by a user, the user

class authority configuration request comprises user class ID and target folder ID;

performing a user class authority configuration in Portal platform based on the user class authority configuration request, so as to enable a user class corresponding to the user class ID to have access authority to access report metadata which is corresponded to the report ID corresponding to the target folder ID.

10. The terminal device according to claim 9, wherein the following steps are further performed when the processor executes the computer readable instructions:

obtaining personal authority configuration request entered by the user, the personal authority configuration request comprises user ID and target user class ID;

performing a personal authority configuration in Portal platform based on the personal authority configuration request, so that a user corresponding to the user ID has a user class authority corresponding to the target user class ID.

11. The terminal device according to claim 10, wherein following steps are further performed when the processor executes the computer readable instructions:

obtaining data access request entered by the user, the data access request comprises the user ID and the target folder ID;

obtaining a corresponding target user class ID based on the user ID;

determining whether a user class corresponding to the target user class ID has access authority to access the report metadata which is corresponded to the report ID corresponding to the target folder ID;

displaying the report metadata which is corresponded to the report ID corresponding to the target folder ID, when the user class corresponding to the target user class ID has access authority to access the report metadata which is corresponded to the report ID corresponding to the target folder ID.

12. The terminal device according to anyone claim of claims 9-11, wherein the folder data comprises multilayer nested folder groups, each folder group comprises at least one folder.

13. A computer readable storage medium, the computer readable storage medium stores computer readable instructions, wherein the following steps are performed when the processor executes the computer readable instructions:

obtaining report metadata in Tableau, the report metadata comprises report ID and storing the report metadata in Postgre SQL database, and forming a report relationship table, the report relationship table comprises at least one report metadata information, the report metadata information comprises the report ID and report name; the creating folder data in Portal platform further comprises: storing the folder data in Oracle database, and forming a folder relationship table, the folder relationship table comprises at least one folder information, the folder information comprises the folder ID and folder name; the creating the correlation relationship between the report ID and the folder ID in Portal platform comprises: creating a correlation relationship information table in Portal platform, the correlation relationship information table comprises at least one correlation relationship

information, the correlation relationship information comprises the report ID and the folder ID;

creating folder data in Portal platform, the folder data comprises at least one folder, and the folder comprises folder ID;

creating a correlation relationship between the report ID and the folder ID in Portal platform;

obtaining a user class authority configuration request entered by a user, the user class authority configuration request comprises user class ID and target folder ID;

performing user class authority configuration in Portal platform based on the user class authority configuration request, so as to enable a user class corresponding to the user class ID to have access authority to access report metadata which is corresponded to the report ID corresponding to the target folder ID.

14. The computer readable storage medium according to claim 13, wherein following steps are further performed when the computer readable instruction is executed by the processor:

obtaining a personal authority configuration request entered by the user, the personal authority configuration request comprises user ID and target user class ID;

performing a personal authority configuration in Portal platform based on the

personal authority configuration request, so that a user corresponding to the user ID has user class authority corresponding to the target user class ID.

15. The computer readable storage medium according to claim 14, wherein the following steps are further performed when the computer readable instruction is executed by the processor:

obtaining data access request entered by the user, the data access request comprises user ID and target folder ID;

obtaining a corresponding target user class ID based on the user ID;

determining whether a user class corresponding to the target user class ID has access authority to access the report metadata which is corresponded to the report ID corresponding to the target folder ID;

displaying the report metadata which is corresponded to the report ID corresponding to the target folder ID, if the user class corresponding to the target user class ID has access authority to access the report metadata which is corresponded to the report ID corresponding to the target folder ID.

16. The computer readable storage medium according to anyone claim of claims 13-18, wherein the folder data comprises multilayer nested folder groups, each folder group comprises at least one folder.