Report

jiyec 2021/8/3 1.0.4 国煤交易系统数据库设计

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1 Specifications

Include specifications here...

2 Model information

2.1 Card of model 国煤交易系统

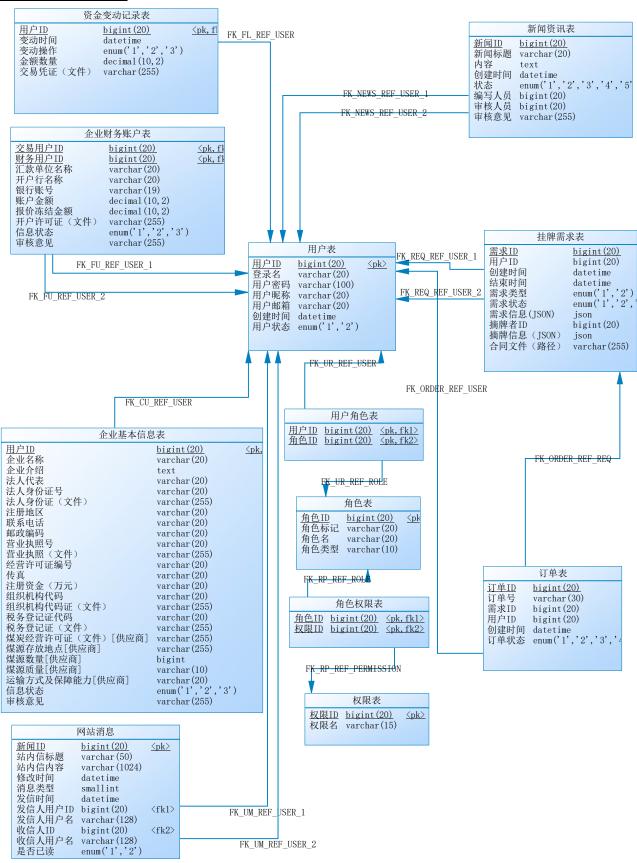
Name	国煤交易系统
Code	coal_trading
Comment	国煤交易系统数据库设计
DBMS	MySQL 5.7
Database	国煤交易系统

Physical Data Model 国煤交易系统

3 PDM Diagrams

3.1 Model level diagrams

3.1.1 Diagram 国煤交易系统



4 Common Objects

4.1 Data Sources

4.1.1 List of data sources

Name	Code
数据源	数据源

4.1.2 Data source 数据源

4.1.2.1 Card of data source 数据源

Name	数据源
Code	数据源

5 Physical diagrams objects

5.1 References

5.1.1 Model level references

5.1.1.1 List of references

Name	Code	Parent Table	Child Table
CU_REF_USER	CU_REF_USER	用户表	企业基本信息表
FL_REF_USER	FL_REF_USER	用户表	资金变动记录表
FU_REF_USER_1	FU_REF_USER_1	用户表	企业财务账户表
FU_REF_USER_2	FU_REF_USER_2	用户表	企业财务账户表
NEWS_REF_USER_1	NEWS_REF_USER_1	用户表	新闻资讯表
NEWS_REF_USER_2	NEWS_REF_USER_2	用户表	新闻资讯表
ORDER_REF_REQ	ORDER_REF_REQ	挂牌需求表	订单表
ORDER_REF_USER	ORDER_REF_USER	用户表	订单表
REQ_REF_USER_1	REQ_REF_USER_1	用户表	挂牌需求表
REQ_REF_USER_2	REQ_REF_USER_2	用户表	挂牌需求表
RP_REF_PERMISSION	RP_REF_PERMISSION	权限表	角色权限表
RP_REF_ROLE	RP_REF_ROLE	角色表	角色权限表
UM_REF_USER_1	UM_REF_USER_1	用户表	网站消息
UM_REF_USER_2	UM_REF_USER_2	用户表	网站消息
UR_REF_ROLE	UR_REF_ROLE	角色表	用户角色表
UR_REF_USER	UR_REF_USER	用户表	用户角色表

5.1.1.2 Reference CU_REF_USER

5.1.1.2.1 Card of reference CU_REF_USER

Name	CU_REF_USER
Code	CU_REF_USER
Parent Table	用户表
Child Table	企业基本信息表

5.1.1.2.2 Code preview of the reference CU_REF_USER

use coal_trading;

use coal_trading;

alter table ct_company add constraint FK_CU_REF_USER foreign key (user_id) references ct_users (id) on delete restrict on update restrict;

5.1.1.2.3 List of diagrams containing the reference CU_REF_USER

Name	Code
国煤交易系统	pdp

5.1.1.2.4 List of reference joins of the reference CU_REF_USER

Parent Table Column	Child Table Column
用户ID	用户ID

5.1.1.2.5 List of extended attributes of the reference CU REF USER

Name Data Type ratio	Name	Data Type	Value	Target Name
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Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp e		MySQL 5.7

5.1.1.3 Reference FL_REF_USER

5.1.1.3.1 Card of reference FL_REF_USER

Name	FL_REF_USER
Code	FL_REF_USER
Parent Table	用户表
Child Table	资金变动记录表

5.1.1.3.2 Code preview of the reference FL REF USER

use coal trading;

use coal trading;

alter table ct_finance_log add constraint FK_FL_REF_USER foreign key (user_id) references ct_users (id) on delete restrict on update restrict;

5.1.1.3.3 List of diagrams containing the reference FL_REF_USER

Name	Code
国煤交易系统	pdp

5.1.1.3.4 List of reference joins of the reference FL_REF_USER

Parent Table Column	Child Table Column
用户ID	用户ID

5.1.1.3.5 List of extended attributes of the reference FL_REF_USER

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp e		MySQL 5.7

5.1.1.4 Reference FU_REF_USER_1

5.1.1.4.1 Card of reference FU_REF_USER_1

Name	FU_REF_USER_1
Code	FU_REF_USER_1
Parent Table	用户表
Child Table	企业财务账户表

5.1.1.4.2 Code preview of the reference FU_REF_USER_1

use coal_trading;

use coal_trading;

alter table ct_finance add constraint FK_FU_REF_USER_1 foreign key (main_userid) references ct_users (id) on delete restrict on update restrict;

5.1.1.4.3 List of diagrams containing the reference FU_REF_USER_1

Name	Code
国煤交易系统	pdp

5.1.1.4.4 List of reference joins of the reference FU_REF_USER_1

Parent Table Column	Child Table Column
用户ID	交易用户ID

5.1.1.4.5 List of extended attributes of the reference FU_REF_USER_1

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp e		MySQL 5.7

5.1.1.5 Reference FU_REF_USER_2

5.1.1.5.1 Card of reference FU_REF_USER_2

Name	FU_REF_USER_2
Code	FU_REF_USER_2
Parent Table	用户表
Child Table	企业财务账户表

5.1.1.5.2 Code preview of the reference FU_REF_USER_2

use coal trading;

use coal_trading;

alter table ct_finance add constraint FK_FU_REF_USER_2 foreign key (finance_userid) references ct_users (id) on delete restrict on update restrict;

5.1.1.5.3 List of diagrams containing the reference FU_REF_USER_2

Name	Code
国煤交易系统	pdp

5.1.1.5.4 List of reference joins of the reference FU_REF_USER_2

Parent Table Column	Child Table Column
用户ID	财务用户ID

5.1.1.5.5 List of extended attributes of the reference FU_REF_USER_2

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp		MySQL 5.7
	e		

5.1.1.6 Reference NEWS_REF_USER_1

5.1.1.6.1 Card of reference NEWS_REF_USER_1

Name	NEWS_REF_USER_1
Code	NEWS_REF_USER_1
Parent Table	用户表
Child Table	新闻资讯表

5.1.1.6.2 Code preview of the reference NEWS_REF_USER_1

use coal trading;

use coal_trading;

alter table ct_news add constraint FK_NEWS_REF_USER_1 foreign key (author_id) references ct_users (id) on delete restrict on update restrict;

5.1.1.6.3 List of diagrams containing the reference NEWS_REF_USER_1

Name	Code
国煤交易系统	pdp

5.1.1.6.4 List of reference joins of the reference NEWS_REF_USER_1

Parent Table Column	Child Table Column
用户ID	编写人员

5.1.1.6.5 List of extended attributes of the reference NEWS_REF_USER_1

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp		MySQL 5.7
	e		

5.1.1.7 Reference NEWS_REF_USER_2

5.1.1.7.1 Card of reference NEWS_REF_USER_2

Name	NEWS_REF_USER_2
Code	NEWS_REF_USER_2
Parent Table	用户表
Child Table	新闻资讯表

5.1.1.7.2 Code preview of the reference NEWS_REF_USER_2

use coal_trading;

use coal_trading;

alter table ct_news add constraint FK_NEWS_REF_USER_2 foreign key (auditor_id) references ct_users (id) on delete restrict on update restrict;

5.1.1.7.3 List of diagrams containing the reference NEWS REF USER 2

Name	Code
国煤交易系统	pdp

5.1.1.7.4 List of reference joins of the reference NEWS_REF_USER_2

Parent Table Column	Child Table Column
用户ID	审核人员

5.1.1.7.5 List of extended attributes of the reference NEWS REF USER 2

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp		MySQL 5.7
	e		

5.1.1.8 Reference ORDER REF REQ

5.1.1.8.1 Card of reference ORDER REF REQ

Name	ORDER_REF_REQ
Code	ORDER_REF_REQ
Parent Table	挂牌需求表
Child Table	订单表

5.1.1.8.2 Code preview of the reference ORDER_REF_REQ

use coal_trading;

use coal_trading;

alter table ct_order add constraint FK_ORDER_REF_REQ foreign key (req_id) references ct_request (id) on delete restrict on update restrict;

5.1.1.8.3 List of diagrams containing the reference ORDER_REF_REQ

Name	Code
国煤交易系统	pdp

5.1.1.8.4 List of reference joins of the reference ORDER_REF_REQ

Parent Table Column	Child Table Column
需求ID	需求ID

5.1.1.8.5 List of extended attributes of the reference ORDER REF REQ

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp e		MySQL 5.7

5.1.1.9 Reference ORDER_REF_USER

5.1.1.9.1 Card of reference ORDER_REF_USER

Name	ORDER_REF_USER
Code	ORDER_REF_USER
Parent Table	用户表
Child Table	订单表

5.1.1.9.2 Code preview of the reference ORDER_REF_USER

use coal trading;

use coal_trading;

alter table ct_order add constraint FK_ORDER_REF_USER foreign key (user_id) references ct_users (id) on delete restrict on update restrict;

5.1.1.9.3 List of diagrams containing the reference ORDER_REF_USER

Name	Code
国煤交易系统	pdp

5.1.1.9.4 List of reference joins of the reference ORDER REF USER

Parent Table Column	Child Table Column
用户ID	用户ID

5.1.1.9.5 List of extended attributes of the reference ORDER REF USER

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp e		MySQL 5.7

5.1.1.10 Reference REQ_REF_USER_1

5.1.1.10.1 Card of reference REQ_REF_USER_1

Name	REQ_REF_USER_1
Code	REQ_REF_USER_1
Parent Table	用户表

Physical Data Model 国煤交易系统

Child Table	挂牌需求表
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5.1.1.10.2 Code preview of the reference REQ_REF_USER_1

use coal trading;

use coal trading;

alter table ct_request add constraint FK_REQ_REF_USER_1 foreign key (user_id) references ct_users (id) on delete restrict on update restrict;

5.1.1.10.3 List of diagrams containing the reference REQ_REF_USER_1

Name	Code
国煤交易系统	pdp

5.1.1.10.4 List of reference joins of the reference REQ_REF_USER_1

Parent Table Column	Child Table Column	
用户ID	用户ID	

5.1.1.10.5 List of extended attributes of the reference REQ_REF_USER_1

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp e		MySQL 5.7

5.1.1.11 Reference REQ_REF_USER_2

5.1.1.11.1 Card of reference REQ_REF_USER_2

Name	REQ_REF_USER_2
Code	REQ_REF_USER_2
Parent Table	用户表
Child Table	挂牌需求表

5.1.1.11.2 Code preview of the reference REQ_REF_USER_2

use coal_trading;

use coal_trading;

alter table ct_request add constraint FK_REQ_REF_USER_2 foreign key (zp_id) references ct_users (id) on delete restrict on update restrict;

5.1.1.11.3 List of diagrams containing the reference REQ_REF_USER_2

Name	Code
国煤交易系统	pdp

5.1.1.11.4 List of reference joins of the reference REQ_REF_USER_2

Parent Table Column		Child Table Column	
	用户ID	摘牌者ID	

5.1.1.11.5 List of extended attributes of the reference REQ_REF_USER_2

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp		MySQL 5.7
	e		

5.1.1.12 Reference RP_REF_PERMISSION

5.1.1.12.1 Card of reference RP_REF_PERMISSION

Name	RP_REF_PERMISSION
Code	RP_REF_PERMISSION
Parent Table	权限表
Child Table	角色权限表

5.1.1.12.2 Code preview of the reference RP REF PERMISSION

use coal trading;

use coal trading;

alter table ct_role_permission_relationships add constraint FK_RP_REF_PERMISSION foreign key (permission_id) references ct_permissions (id) on delete restrict on update restrict;

5.1.1.12.3 List of diagrams containing the reference RP_REF_PERMISSION

Name	Code
国煤交易系统	pdp

5.1.1.12.4 List of reference joins of the reference RP_REF_PERMISSION

Parent Table Column	Child Table Column
权限ID	权限ID

5.1.1.12.5 List of extended attributes of the reference RP_REF_PERMISSION

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp e		MySQL 5.7

5.1.1.13 Reference RP_REF_ROLE

5.1.1.13.1 Card of reference RP_REF_ROLE

Name	RP_REF_ROLE
Code	RP_REF_ROLE
Parent Table	角色表
Child Table	角色权限表

5.1.1.13.2 Code preview of the reference RP_REF_ROLE

use coal_trading;

use coal trading;

alter table ct_role_permission_relationships add constraint FK_RP_REF_ROLE foreign key (role_id) references ct_userrole (id) on delete restrict on update restrict;

5.1.1.13.3 List of diagrams containing the reference RP_REF_ROLE

	Name	Code
Ī	国煤交易系统	pdp

5.1.1.13.4 List of reference joins of the reference RP_REF_ROLE

Parent Table Column	Child Table Column
角色ID	角色ID

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp e		MySQL 5.7

5.1.1.14 Reference UM_REF_USER_1

5.1.1.14.1 Card of reference UM_REF_USER_1

Name	UM_REF_USER_1
Code	UM_REF_USER_1
Parent Table	用户表
Child Table	网站消息

5.1.1.14.2 Code preview of the reference UM REF USER 1

use coal trading;

use coal trading;

alter table ct_website_message add constraint FK_UM_REF_USER_1 foreign key (from_userid) references ct_users (id) on delete restrict on update restrict;

5.1.1.14.3 List of diagrams containing the reference UM_REF_USER_1

Name	Code
国煤交易系统	pdp

5.1.1.14.4 List of reference joins of the reference UM_REF_USER_1

Parent Table Column	Child Table Column
用户ID	发信人用户ID

5.1.1.14.5 List of extended attributes of the reference UM_REF_USER_1

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp e		MySQL 5.7

5.1.1.15 Reference UM_REF_USER_2

5.1.1.15.1 Card of reference UM_REF_USER_2

Name	UM_REF_USER_2
Code	UM_REF_USER_2
Parent Table	用户表
Child Table	网站消息

5.1.1.15.2 Code preview of the reference UM_REF_USER_2

use coal_trading;

use coal_trading;

alter table ct_website_message add constraint FK_UM_REF_USER_2 foreign key (to_userid) references ct_users (id) on delete restrict on update restrict;

5.1.1.15.3 List of diagrams containing the reference UM_REF_USER_2

Name	Code
国煤交易系统	pdp

5.1.1.15.4 List of reference joins of the reference UM_REF_USER_2

Parent Table Column	Child Table Column
用户ID	收信人ID

5.1.1.15.5 List of extended attributes of the reference UM_REF_USER_2

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp e		MySQL 5.7

5.1.1.16 Reference UR_REF_ROLE

5.1.1.16.1 Card of reference UR_REF_ROLE

Name	UR_REF_ROLE
Code	UR_REF_ROLE
Parent Table	角色表
Child Table	用户角色表

5.1.1.16.2 Code preview of the reference UR_REF_ROLE

use coal trading;

use coal_trading;

alter table ct_user_role_relationships add constraint FK_UR_REF_ROLE foreign key (role_id) references ct_userrole (id) on delete restrict on update restrict;

5.1.1.16.3 List of diagrams containing the reference UR_REF_ROLE

Name	Code
国煤交易系统	pdp

5.1.1.16.4 List of reference joins of the reference UR_REF_ROLE

	Parent Table Column	Child Table Column
Ī	角色ID	角色ID

5.1.1.16.5 List of extended attributes of the reference UR_REF_ROLE

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp		MySQL 5.7
	e		

5.1.1.17 Reference UR_REF_USER

5.1.1.17.1 Card of reference UR_REF_USER

Name	UR_REF_USER
Code	UR_REF_USER
Parent Table	用户表
Child Table	用户角色表

5.1.1.17.2 Code preview of the reference UR_REF_USER

use coal trading;

use coal_trading;

alter table ct_user_role_relationships add constraint FK_UR_REF_USER foreign key (user_id) references ct_users (id) on delete restrict on update restrict;

5.1.1.17.3 List of diagrams containing the reference UR_REF_USER

Name	Code
国煤交易系统	pdp

5.1.1.17.4 List of reference joins of the reference UR_REF_USER

Parent Table Column	Child Table Column
用户ID	用户ID

5.1.1.17.5 List of extended attributes of the reference UR_REF_USER

Name	Data Type	Value	Target Name
ReferenceMatch	ReferenceMatchTyp e		MySQL 5.7

5.2 Tables

5.2.1 Model level tables

5.2.1.1 List of tables

Name	Code
企业基本信息表	ct_company
企业财务账户表	ct_finance
挂牌需求表	ct_request
新闻资讯表	ct_news
权限表	ct_permissions
用户表	ct_users
用户角色表	ct_user_role_relationships
网站消息	ct_website_message
角色权限表	ct_role_permission_relationships
角色表	ct_userrole
订单表	ct_order
资金变动记录表	ct_finance_log

5.2.1.2 List of table columns

Name	Code
新闻ID	id
新闻标题	title
内容	content
创建时间	date
状态	status
编写人员	author_id
审核人员	auditor_id
审核意见	audit_opinion
用户ID	id
登录名	login
用户密码	pass
用户昵称	nick
用户邮箱	email
创建时间	registered
用户状态	status
订单ID	id
订单号	num
需求ID	req_id
用户ID	user_id
创建时间	created_time
订单状态	status
角色ID	id
角色标记	mark
角色名	name
角色类型	type
权限ID	id
权限名	name

Name	Code
用户ID	user_id
角色ID	role_id
角色ID	role_id
权限ID	permission_id
需求ID	id
用户ID	user_id
创建时间	created_time
结束时间	ended_time
需求类型	type
需求状态	status
需求信息(JSON)	detail
摘牌者ID	zp_id
摘牌信息 (JSON)	zp_detail
合同文件 (路径)	contract_file
交易用户ID	main_userid
财务用户ID	finance_userid
汇款单位名称	com_name
开户行名称	bank_name
银行账号	bank_acc
账户金额	balance
报价冻结金额	freeze
开户许可证 (文件)	ao_permit_file
信息状态	status
审核意见	audit_opinion
用户ID	user_id
变动时间	date
变动操作	log_type
金额数量	quantity
交易凭证 (文件)	cert
用户ID	user_id
企业名称	com_name
企业介绍	com_intro
法人代表	legal_name
法人身份证号	legal_id
法人身份证 (文件)	legal_id_file
注册地区	com_addr
联系电话	com_contact
邮政编码	com_zip
营业执照号	business_license_id
营业执照(文件)	business_license_file
经营许可证编号	manage_license_id
传真	fax
注册资金 (万元)	registered_capital
组织机构代码	oib_code
组织机构代码证(文件)	oib_code_file
税务登记证代码	tr_cert
税务登记证 (文件)	tr_cert_file

Name	Code
煤炭经营许可证(文件)[供应商]	manage_license_file
煤源存放地点[供应商]	coal_store_site
煤源数量[供应商]	coal_quantity
煤源质量[供应商]	coal_quality
运输方式及保障能力[供应商]	coal_transport
信息状态	status
审核意见	audit_opinion
新闻ID	id
站内信标题	title
站内信内容	content
修改时间	modified
消息类型	msg_type
发信时间	created
发信人用户ID	from_userid
发信人用户名	from_username
收信人ID	to_userid
收信人用户名	to_username
是否已读	read_status

5.2.1.3 List of table keys

Name	Code	Table
Key_1	Key_1	新闻资讯表
Key_1	Key_1	用户表
Key_1	Key_1	订单表
Key_1	Key_1	角色表
Key_1	Key_1	权限表
Key_1	Key_1	用户角色表
Key_1	Key_1	角色权限表
Key_1	Key_1	挂牌需求表
Key_1	Key_1	企业财务账户表
Key_1	Key_1	资金变动记录表
Key_1	Key_1	企业基本信息表
Key_1	Key_1	网站消息

5.2.1.4 List of table indexes

Name	Code	Uni que	Clus ter	Pri mar y	For eign Key	Alte rnat e Key	Table
Index_news_id	Index_news_id	X					新闻资讯表
Index_user_login	Index_user_login	X					用户表
Index_user_email	Index_user_email						用户表
Index_user_id	Index_user_id						订单表
Index_req_id	Index_req_id						订单表
Index_order_id	Index_order_id	X					订单表
Index_order_num	Index_order_num	X					订单表
Index_role_id	Index_role_id						角色表
Index_pri	Index_pri	X					权限表

Name	Code	Uni que	Clus ter	Pri mar y	For eign Key	Alte rnat e Key	Table
用户角色索引	Index_user_role						用户角色表
Index_user_id	Index_user_id	X					用户角色表
Index_role_pri_id	Index_role_pri_id	X					角色权限表
Index_req_id	Index_req_id						挂牌需求表
Index_finance_useri d	Index_finance_useri	X					企业财务账户表
Index_main_userid	Index_main_userid	X					企业财务账户表
Index_user_id	Index_user_id						资金变动记录表
Index_log_type	Index_log_type						资金变动记录表
Index_com_name	Index_com_name	X					企业基本信息表
Index_to_userid	Index_to_userid						网站消息

5.2.1.5 Table 企业基本信息表

5.2.1.5.1 Card of table 企业基本信息表

Name	企业基本信息表
Code	ct_company
DBMS	MySQL 5.7

5.2.1.5.2 Check constraint name of the table 企业基本信息表

TK_ct_company

5.2.1.5.3 Server validation rule of the table 企业基本信息表

%RULES%

5.2.1.5.4 Options of the table 企业基本信息表

engine = InnoDB

5.2.1.5.5 Code preview of the table 企业基本信息表

use coal trading;

drop table if exists ct company;

```
/* Table: ct_company
create table ct company
 user id
               bigint(20) not null comment '用户ID',
                 varchar(20) not null comment '企业名称',
 com name
                text comment '企业介绍',
 com intro
 legal_name
                 varchar(20) comment '法人代表',
 legal id
               varchar(20) comment '法人身份证号',
                varchar(255) comment '法人身份证(文件)',
 legal id file
                varchar(20) comment '注册地区',
 com addr
                 varchar(20) comment '联系电话',
 com contact
                varchar(20) comment '邮政编码',
 com_zip
 business license id varchar(20) comment '营业执照号',
 business_license_file varchar(255) comment '营业执照 (文件)',
 manage_license_id varchar(20) comment '经营许可证编号',
             varchar(20) comment '传真',
 registered capital varchar(20) comment '注册资金(万元)',
                varchar(20) comment '组织机构代码',
 oib_code
```

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```
varchar(255) comment '组织机构代码证(文件)',
 oib code file
              varchar(20) comment '税务登记证代码',
 tr cert
               varchar(255) comment '税务登记证(文件)',
 tr_cert_file
 manage_license_file varchar(255) comment '煤炭经营许可证(文件) [供应商]',
                varchar(255) comment '煤源存放地点[供应商]',
 coal store site
                 bigint comment '煤源数量[供应商]',
 coal_quantity
                varchar(10) comment '煤源质量[供应商]',
 coal quality
                 varchar(20) comment '运输方式及保障能力[供应商]',
 coal transport
              enum('1','2','3') not null default '1' comment '信息状态
 status
      1. 不可用
      2. 审核阶段
      3. 可用',
 audit opinion
                 varchar(255) comment '审核意见',
 primary key (user id)
engine = InnoDB;
alter table ct company comment '企业基本信息表';
/* Index: Index_com_name
create unique index Index_com_name on ct_company
 com_name
);
alter table ct company add constraint FK CU REF USER foreign key (user id)
   references ct users (id) on delete restrict on update restrict;
```

5.2.1.5.6 List of diagrams containing the table 企业基本信息表

Name	Code
国煤交易系统	pdp

<u>5.2.1.5.7 List of outgoing references of the table 企业基本信息表</u>

Name	Code	Foreign Key Columns
CU_REF_USER	CU_REF_USER	用户ID

5.2.1.5.8 List of all dependencies of the table 企业基本信息表

Name	Code	Class Name
CU_REF_USER	CU_REF_USER	Reference

5.2.1.5.9 List of extended attributes of the table 企业基本信息表

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.10 List of columns of the table 企业基本信息表</u>

Name	Code
用户ID	user_id
企业名称	com_name
企业介绍	com_intro
法人代表	legal_name
法人身份证号	legal_id
法人身份证(文件)	legal_id_file
注册地区	com_addr
联系电话	com_contact

Name	Code
邮政编码	com_zip
营业执照号	business_license_id
营业执照 (文件)	business_license_file
经营许可证编号	manage_license_id
传真	fax
注册资金 (万元)	registered_capital
组织机构代码	oib_code
组织机构代码证 (文件)	oib_code_file
税务登记证代码	tr_cert
税务登记证 (文件)	tr_cert_file
煤炭经营许可证(文件)[供应商]	manage_license_file
煤源存放地点[供应商]	coal_store_site
煤源数量[供应商]	coal_quantity
煤源质量[供应商]	coal_quality
运输方式及保障能力[供应商]	coal_transport
信息状态	status
审核意见	audit_opinion

<u>5.2.1.5.11 Column 用户ID of the table 企业基本信息表</u>

5.2.1.5.11.1 Card of the column 用户ID of the table 企业基本信息表

Name	用户ID
Code	user_id
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.5.11.2 Check constraint name of the column 用户ID of the table 企业基本信息表</u>

CK user id

5.2.1.5.11.3 Check of the column 用户ID of the table 企业基本信息表

Minimum Value		
Maximum Value		
Default Value		
Unit		
Format		
Cannot Modify	No	
List Of Values		

<u>5.2.1.5.11.4 Server validation rule of the column 用户ID of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.5.11.5 List of all dependencies of the table column 用户ID</u>

Name	Code	Class Name
Key_1	Key_1	Key
?	?	Reference Join

<u>5.2.1.5.11.6 List of extended attributes of the table column 用户ID</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7

Name	Data Type	Value	Target Name
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.12 Column 企业名称 of the table 企业基本信息表</u>

5.2.1.5.12.1 Card of the column 企业名称 of the table 企业基本信息表

Name	企业名称
Code	com_name
Data Type	varchar(20)
Mandatory	Yes

<u>5.2.1.5.12.2 Check constraint name of the column 企业名称 of the table 企业基本信息表</u>

CK com name

5.2.1.5.12.3 Check of the column 企业名称 of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.12.4 Server validation rule of the column 企业名称 of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.5.12.5 List of all dependencies of the table column 企业名称</u>

Name	Code	Class Name
企业名称	com_name	Index Column

<u>5.2.1.5.12.6 List of extended attributes of the table column 企业名称</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.13 Column 企业介绍 of the table 企业基本信息表</u>

<u>5.2.1.5.13.1 Card of the column 企业介绍 of the table 企业基本信息表</u>

Name	企业介绍
Code	com_intro
Data Type	text
Mandatory	No

<u>5.2.1.5.13.2 Check constraint name of the column 企业介绍 of the table 企业基本信息表</u>

CK_com_intro

5.2.1.5.13.3 Check of the column 企业介绍 of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.13.4 Server validation rule of the column 企业介绍 of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.13.5 List of extended attributes of the table column 企业介绍

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.14 Column 法人代表 of the table 企业基本信息表</u>

5.2.1.5.14.1 Card of the column 法人代表 of the table 企业基本信息表

Name	法人代表
Code	legal_name
Data Type	varchar(20)
Mandatory	No

<u>5.2.1.5.14.2 Check constraint name of the column 法人代表 of the table 企业基本信息表</u>

CK legal name

5.2.1.5.14.3 Check of the column 法人代表 of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.5.14.4 Server validation rule of the column 法人代表 of the table 企业基本信息表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.5.14.5 List of extended attributes of the table column 法人代表</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.15 Column 法人身份证号 of the table 企业基本信息表</u>

<u>5.2.1.5.15.1 Card of the column 法人身份证号 of the table 企业基本信息表</u>

Name	法人身份证号
Code	legal_id
Data Type	varchar(20)
Mandatory	No

5.2.1.5.15.2 Check constraint name of the column 法人身份证号 of the table 企业基本信息表

CK_legal_id

5.2.1.5.15.3 Check of the column 法人身份证号 of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.5.15.4 Server validation rule of the column 法人身份证号 of the table 企业基本信息表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.5.15.5 List of extended attributes of the table column 法人身份证号</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.5.16 Column 法人身份证(文件) of the table 企业基本信息表

<u>5.2.1.5.16.1 Card of the column 法人身份证(文件) of the table 企业基本信息表</u>

Name	法人身份证(文件)
Code	legal_id_file
Data Type	varchar(255)
Mandatory	No

<u>5.2.1.5.16.2 Check constraint name of the column 法人身份证(文件) of the table 企业基本信息表</u>

CK_legal_id_file

<u>5.2.1.5.16.3 Check of the column 法人身份证(文件) of the table 企业基本信息表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.16.4 Server validation rule of the column 法人身份证(文件) of the table 企业基本信息表</u>

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%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.16.5 List of extended attributes of the table column 法人身份证(文件)

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.17 Column 注册地区 of the table 企业基本信息表</u>

<u>5.2.1.5.17.1 Card of the column 注册地区 of the table 企业基本信息表</u>

Name	注册地区
Code	com_addr
Data Type	varchar(20)
Mandatory	No

5.2.1.5.17.2 Check constraint name of the column 注册地区 of the table 企业基本信息表

CK_com_addr

5.2.1.5.17.3 Check of the column 注册地区 of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.17.4 Server validation rule of the column 注册地区 of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.17.5 List of extended attributes of the table column 注册地区

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.18 Column 联系电话 of the table 企业基本信息表</u>

<u>5.2.1.5.18.1 Card of the column 联系电话 of the table 企业基本信息表</u>

Name	联系电话
Code	com_contact
Data Type	varchar(20)
Mandatory	No

5.2.1.5.18.2 Check constraint name of the column 联系电话 of the table 企业基本信息表

CK com contact

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.18.4 Server validation rule of the column 联系电话 of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.5.18.5 List of extended attributes of the table column 联系电话</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.19 Column 邮政编码 of the table 企业基本信息表</u>

<u>5.2.1.5.19.1 Card of the column 邮政编码 of the table 企业基本信息表</u>

Name	邮政编码
Code	com_zip
Data Type	varchar(20)
Mandatory	No

<u>5.2.1.5.19.2 Check constraint name of the column 邮政编码 of the table 企业基本信息表</u>

CK com zip

5.2.1.5.19.3 Check of the column 邮政编码 of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.5.19.4 Server validation rule of the column 邮政编码 of the table 企业基本信息表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.19.5 List of extended attributes of the table column 邮政编码

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.20 Column 营业执照号 of the table 企业基本信息表</u>

5.2.1.5.20.1 Card of the column 营业执照号 of the table 企业基本信息表

Name	营业执照号
Code	business_license_id
Data Type	varchar(20)
Mandatory	No

5.2.1.5.20.2 Check constraint name of the column 营业执照号 of the table 企业基本信息表

CK business license id

5.2.1.5.20.3 Check of the column 营业执照号 of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.5.20.4 Server validation rule of the column 营业执照号 of the table 企业基本信息表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.20.5 List of extended attributes of the table column 营业执照号

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.5.21 Column 营业执照(文件) of the table 企业基本信息表

5.2.1.5.21.1 Card of the column 营业执照(文件) of the table 企业基本信息表

Name	营业执照(文件)
Code	business_license_file
Data Type	varchar(255)
Mandatory	No

<u>5.2.1.5.21.2 Check constraint name of the column 营业执照(文件) of the table 企业基本信息表</u>

CK business license file

5.2.1.5.21.3 Check of the column 营业执照(文件) of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.21.4 Server validation rule of the column 营业执照(文件) of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.5.21.5 List of extended attributes of the table column 营业执照(文件)</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.22 Column 经营许可证编号 of the table 企业基本信息表</u>

<u>5.2.1.5.22.1 Card of the column 经营许可证编号 of the table 企业基本信息表</u>

Name	经营许可证编号
Code	manage_license_id
Data Type	varchar(20)
Mandatory	No

5.2.1.5.22.2 Check constraint name of the column 经营许可证编号 of the table 企业基本信息表

CK manage license id

5.2.1.5.22.3 Check of the column 经营许可证编号 of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.22.4 Server validation rule of the column 经营许可证编号 of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.22.5 List of extended attributes of the table column 经营许可证编号

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.23 Column 传真 of the table 企业基本信息表</u>

<u>5.2.1.5.23.1 Card of the column 传真 of the table 企业基本信息表</u>

Name	传真
Code	fax
Data Type	varchar(20)
Mandatory	No

5.2.1.5.23.2 Check constraint name of the column 传真 of the table 企业基本信息表

CK fax

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.23.4 Server validation rule of the column 传真 of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.23.5 List of extended attributes of the table column 传真

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.5.24 Column 注册资金(万元) of the table 企业基本信息表

<u>5.2.1.5.24.1 Card of the column 注册资金(万元) of the table 企业基本信息表</u>

Name	注册资金 (万元)
Code	registered_capital
Data Type	varchar(20)
Mandatory	No

5.2.1.5.24.2 Check constraint name of the column 注册资金(万元) of the table 企业基本信息表

CK registered capital

5.2.1.5.24.3 Check of the column 注册资金(万元) of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.5.24.4 Server validation rule of the column 注册资金(万元) of the table 企业基本信息表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.5.24.5 List of extended attributes of the table column 注册资金(万元)</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.25 Column 组织机构代码 of the table 企业基本信息表</u>

5.2.1.5.25.1 Card of the column 组织机构代码 of the table 企业基本信息表

Name	组织机构代码
Code	oib_code
Data Type	varchar(20)
Mandatory	No

5.2.1.5.25.2 Check constraint name of the column 组织机构代码 of the table 企业基本信息表

CK_oib_code

5.2.1.5.25.3 Check of the column 组织机构代码 of the table 企业基本信息表

	
Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.5.25.4 Server validation rule of the column 组织机构代码 of the table 企业基本信息表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.25.5 List of extended attributes of the table column 组织机构代码

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.5.26 Column 组织机构代码证(文件) of the table 企业基本信息表

5.2.1.5.26.1 Card of the column 组织机构代码证(文件) of the table 企业基本信息表

Name	组织机构代码证(文件)
Code	oib_code_file
Data Type	varchar(255)
Mandatory	No

<u>5.2.1.5.26.2 Check constraint name of the column 组织机构代码证(文件) of the table 企业基本信息表</u>

CK_oib_code_file

5.2.1.5.26.3 Check of the column 组织机构代码证(文件) of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.26.4 Server validation rule of the column 组织机构代码证(文件) of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.26.5 List of extended attributes of the table column 组织机构代码证(文件)

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.27 Column 税务登记证代码 of the table 企业基本信息表</u>

5.2.1.5.27.1 Card of the column 税务登记证代码 of the table 企业基本信息表

Name	税务登记证代码
Code	tr_cert
Data Type	varchar(20)
Mandatory	No

5.2.1.5.27.2 Check constraint name of the column 税务登记证代码 of the table 企业基本信息表

CK tr cert

<u>5.2.1.5.27.3 Check of the column 税务登记证代码 of the table 企业基本信息表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.27.4 Server validation rule of the column 税务登记证代码 of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.27.5 List of extended attributes of the table column 税务登记证代码

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.28 Column 税务登记证(文件) of the table 企业基本信息表</u>

5.2.1.5.28.1 Card of the column 税务登记证(文件) of the table 企业基本信息表

Name	税务登记证(文件)
Code	tr_cert_file
Data Type	varchar(255)
Mandatory	No

5.2.1.5.28.2 Check constraint name of the column 税务登记证(文件) of the table 企业基本信息表

CK_tr_cert_file

Minimum Value		
winimum v atue		
Maximum Value		
Default Value		
Unit		
Format		
Cannot Modify	No	•
List Of Values		

<u>5.2.1.5.28.4 Server validation rule of the column 税务登记证(文件) of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.5.28.5 List of extended attributes of the table column 税务登记证(文件)</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.5.29 Column 煤炭经营许可证 (文件) [供应商] of the table 企业基本信息表

<u>5.2.1.5.29.1 Card of the column 煤炭经营许可证(文件)[供应商] of the table 企业基本信息表</u>

Name	煤炭经营许可证(文件)[供应商]
Code	manage_license_file
Data Type	varchar(255)
Mandatory	No

<u>5.2.1.5.29.2 Check constraint name of the column 煤炭经营许可证(文件)[供应商] of the table 企业基本信息表</u>

CK manage license file

5.2.1.5.29.3 Check of the column 煤炭经营许可证 (文件) [供应商] of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.5.29.4 Server validation rule of the column 煤炭经营许可证 (文件) [供应商] of the table 企业基本信息表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.29.5 List of extended attributes of the table column 煤炭经营许可证(文件)[供应商]

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.30 Column 煤源存放地点[供应商] of the table 企业基本信息表</u>

5.2.1.5.30.1 Card of the column 煤源存放地点[供应商] of the table 企业基本信息表

Name	煤源存放地点[供应商]
Code	coal_store_site
Data Type	varchar(255)
Mandatory	No

5.2.1.5.30.2 Check constraint name of the column 煤源存放地点[供应商] of the table 企业基本信息表

CK coal store site

5.2.1.5.30.3 Check of the column 煤源存放地点[供应商] of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.5.30.4 Server validation rule of the column 煤源存放地点[供应商] of the table 企业基本信息表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.30.5 List of extended attributes of the table column 煤源存放地点[供应商]

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.31 Column 煤源数量[供应商] of the table 企业基本信息表</u>

5.2.1.5.31.1 Card of the column 煤源数量[供应商] of the table 企业基本信息表

Name	煤源数量[供应商]
Code	coal_quantity
Data Type	bigint
Mandatory	No

<u>5.2.1.5.31.2 Check constraint name of the column 煤源数量[供应商] of the table 企业基本信息表</u>

CK_coal_quantity

5.2.1.5.31.3 Check of the column 煤源数量[供应商] of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.31.4 Server validation rule of the column 煤源数量[供应商] of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

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5.2.1.5.31.5 List of extended attributes of the table column 煤源数量[供应商]

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.32 Column 煤源质量[供应商] of the table 企业基本信息表</u>

<u>5.2.1.5.32.1 Card of the column 煤源质量[供应商] of the table 企业基本信息表</u>

Name	煤源质量[供应商]
Code	coal_quality
Data Type	varchar(10)
Mandatory	No

5.2.1.5.32.2 Check constraint name of the column 煤源质量[供应商] of the table 企业基本信息表

CK coal quality

5.2.1.5.32.3 Check of the column 煤源质量[供应商] of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.32.4 Server validation rule of the column 煤源质量[供应商] of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.32.5 List of extended attributes of the table column 煤源质量[供应商]

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.5.33 Column 运输方式及保障能力[供应商] of the table 企业基本信息表

<u>5.2.1.5.33.1 Card of the column 运输方式及保障能力[供应商] of the table 企业基本信息表</u>

Name	运输方式及保障能力[供应商]
Code	coal_transport
Data Type	varchar(20)
Mandatory	No

5.2.1.5.33.2 Check constraint name of the column 运输方式及保障能力[供应商] of the table 企业基本信息表

CK_coal_transport

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.33.4 Server validation rule of the column 运输方式及保障能力[供应商] of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.33.5 List of extended attributes of the table column 运输方式及保障能力[供应商]

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.34 Column 信息状态 of the table 企业基本信息表</u>

5.2.1.5.34.1 Card of the column 信息状态 of the table 企业基本信息表

Name	信息状态
Code	status
Data Type	enum('1','2','3')
Mandatory	Yes

5.2.1.5.34.2 Check constraint name of the column 信息状态 of the table 企业基本信息表

CK status

5.2.1.5.34.3 Check of the column 信息状态 of the table 企业基本信息表

Minimum Value		
Maximum Value		
Default Value	1	
Unit		
Format		
Cannot Modify	No	
List Of Values		

5.2.1.5.34.4 Server validation rule of the column 信息状态 of the table 企业基本信息表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.5.34.5 List of extended attributes of the table column 信息状态</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.35 Column 审核意见 of the table 企业基本信息表</u>

<u>5.2.1.5.35.1 Card of the column 审核意见 of the table 企业基本信息表</u>

Name	审核意见
Code	audit_opinion
Data Type	varchar(255)
Mandatory	No

5.2.1.5.35.2 Check constraint name of the column 审核意见 of the table 企业基本信息表

CK_audit_opinion

5.2.1.5.35.3 Check of the column 审核意见 of the table 企业基本信息表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.5.35.4 Server validation rule of the column 审核意见 of the table 企业基本信息表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.5.35.5 List of extended attributes of the table column 审核意见

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.36 List of keys of the table 企业基本信息表</u>

	Name	Code	Primary
Ī	Key_1	Key_1	X

5.2.1.5.37 Key Key_1 of the table 企业基本信息表

<u>5.2.1.5.37.1 Card of the key Key_1 of the table 企业基本信息表</u>

Name	Key_1
Code	Key_1
Table	企业基本信息表

<u>5.2.1.5.37.2 Code preview of the key Key 1 of the table 企业基本信息表</u>

use coal_trading;

alter table ct_company drop primary key;

5.2.1.5.37.3 List of columns of the table key Key_1

Name	Code
用户ID	user_id

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.7

<u>5.2.1.5.38 List of indexes of the table 企业基本信息表</u>

	Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
Index_c	com_name	Index_com_name	X				

<u>5.2.1.5.39 Index Index_com_name of the table 企业基本信息表</u>

<u>5.2.1.5.39.1 Card of the index Index_com_name of the table 企业基本信息表</u>

Name	Index_com_name
Code	Index_com_name
Unique	Yes
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	企业基本信息表

<u>5.2.1.5.39.2 Code preview of the index Index_com_name of the table 企业基本信息表</u>

5.2.1.5.39.3 List of index columns of the table index Index_com_name

Name	Code	Sort
企业名称	com_name	Ascending

5.2.1.5.39.4 List of extended attributes of the table index Index_com_name

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

5.2.1.6 Table 企业财务账户表

<u>5.2.1.6.1 Card of table 企业财务账户表</u>

Name	企业财务账户表
Code	ct_finance
DBMS	MySQL 5.7

5.2.1.6.2 Check constraint name of the table 企业财务账户表

TK_ct_finance

<u>5.2.1.6.3 Server validation rule of the table 企业财务账户表</u>

%RULES%

<u>5.2.1.6.4 Options of the table 企业财务账户表</u>

engine = InnoDB

```
<u>5.2.1.6.5 End script of the table 企业财务账户表</u>
```

```
INSERT INTO ct finance
('main userid', 'finance userid', 'com name', 'bank name', 'bank acc', 'balance', 'freeze', 'ao permit file')
VALUES
(7,8,"供应商公司1","银行1","123456789",10000.00,5000.55,"path/to/file"),
(9, 10, "采购商公司2", "银行1", "123456789", 10000.00, 5000.55, "path/to/file");
5.2.1.6.6 Code preview of the table 企业财务账户表
use coal_trading;
drop table if exists ct finance;
/* Table: ct finance
create table ct finance
 main userid
                  bigint(20) not null comment '交易用户ID',
                  bigint(20) not null comment '财务用户ID',
 finance userid
                  varchar(20) comment '汇款单位名称',
 com name
                  varchar(20) comment '开户行名称',
 bank name
 bank acc
                 varchar(19) comment '银行账号',
                decimal(10,2) comment '账户金额',
 balance
               decimal(10,2) comment '报价冻结金额',
 freeze
 ao_permit_file
                  varchar(255) comment '开户许可证(文件)',
               enum('1','2','3') not null default '1' comment '信息状态
 status
       1. 不可用
      2. 审核阶段
      3. 可用',
 audit opinion
                  varchar(255) comment '审核意见',
 primary key (main_userid, finance userid)
engine = InnoDB;
alter table ct finance comment '企业财务账户表';
INSERT INTO ct finance
('main userid', 'finance userid', 'com name', 'bank name', 'bank acc', 'balance', 'freeze', 'ao permit file')
VALUES
(7,8,"供应商公司1","银行1","123456789",10000.00,5000.55,"path/to/file"),
(9, 10, "采购商公司2", "银行1", "123456789", 10000.00, 5000.55, "path/to/file");
/* Index: Index_finance_userid
create unique index Index finance userid on ct finance
 finance userid
                                              */
/* Index: Index main userid
create unique index Index main userid on ct finance
 main userid
alter table ct_finance add constraint FK_FU_REF_USER_1 foreign key (main_userid)
```

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references ct users (id) on delete restrict on update restrict;

alter table ct_finance add constraint FK_FU_REF_USER_2 foreign key (finance_userid) references ct_users (id) on delete restrict on update restrict;

<u>5.2.1.6.7 List of diagrams containing the table 企业财务账户表</u>

Name	Code
国煤交易系统	pdp

<u>5.2.1.6.8 List of outgoing references of the table 企业财务账户表</u>

Name	Code	Foreign Key Columns
FU_REF_USER_1	FU_REF_USER_1	交易用户ID
FU_REF_USER_2	FU_REF_USER_2	财务用户ID

5.2.1.6.9 List of all dependencies of the table 企业财务账户表

Name	Code	Class Name
FU_REF_USER_1	FU_REF_USER_1	Reference
FU_REF_USER_2	FU_REF_USER_2	Reference

5.2.1.6.10 List of extended attributes of the table 企业财务账户表

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.7

<u>5.2.1.6.11 List of columns of the table 企业财务账户表</u>

Name	Code
交易用户ID	main_userid
财务用户ID	finance_userid
汇款单位名称	com_name
开户行名称	bank_name
银行账号	bank_acc
账户金额	balance
报价冻结金额	freeze
开户许可证 (文件)	ao_permit_file
信息状态	status
审核意见	audit_opinion

<u>5.2.1.6.12 Column 交易用户ID of the table 企业财务账户表</u>

<u>5.2.1.6.12.1 Card of the column 交易用户ID of the table 企业财务账户表</u>

Name	交易用户ID
Code	main_userid
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.6.12.2 Check constraint name of the column 交易用户ID of the table 企业财务账户表</u>

CK_main_userid

5.2.1.6.12.3 Check of the column 交易用户ID of the table 企业财务账户表

Minimum Value	
Maximum Value	
Default Value	
Unit	

Format	
Cannot Modify	No
List Of Values	

5.2.1.6.12.4 Server validation rule of the column 交易用户ID of the table 企业财务账户表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.6.12.5 List of all dependencies of the table column 交易用户ID

Name	Code	Class Name
Key_1	Key_1	Key
交易用户ID	main_userid	Index Column
?	?	Reference Join

5.2.1.6.12.6 List of extended attributes of the table column 交易用户ID

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.6.13 Column 财务用户ID of the table 企业财务账户表</u>

5.2.1.6.13.1 Card of the column 财务用户ID of the table 企业财务账户表

Name	财务用户ID
Code	finance_userid
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.6.13.2 Check constraint name of the column 财务用户ID of the table 企业财务账户表</u>

CK finance userid

5.2.1.6.13.3 Check of the column 财务用户ID of the table 企业财务账户表

Minimum Value		
Maximum Value		
Default Value		
Unit		
Format		
Cannot Modify	No	
List Of Values		

5.2.1.6.13.4 Server validation rule of the column 财务用户ID of the table 企业财务账户表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.6.13.5 List of all dependencies of the table column 财务用户ID</u>

Name	Code	Class Name
Key_1	Key_1	Key
?	?	Reference Join
财务用户ID	finance_userid	Index Column

<u>5.2.1.6.13.6 List of extended attributes of the table column 财务用户ID</u>

Name	Data Type	Value	Target Name
------	-----------	-------	-------------

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.6.14 Column 汇款单位名称 of the table 企业财务账户表</u>

<u>5.2.1.6.14.1 Card of the column 汇款单位名称 of the table 企业财务账户表</u>

Name	汇款单位名称
Code	com_name
Data Type	varchar(20)
Mandatory	No

5.2.1.6.14.2 Check constraint name of the column 汇款单位名称 of the table 企业财务账户表

CK_com_name

5.2.1.6.14.3 Check of the column 汇款单位名称 of the table 企业财务账户表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.6.14.4 Server validation rule of the column 汇款单位名称 of the table 企业财务账户表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.6.14.5 List of extended attributes of the table column 汇款单位名称

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.6.15 Column 开户行名称 of the table 企业财务账户表</u>

<u>5.2.1.6.15.1 Card of the column 开户行名称 of the table 企业财务账户表</u>

Name	开户行名称
Code	bank_name
Data Type	varchar(20)
Mandatory	No

<u>5.2.1.6.15.2 Check constraint name of the column 开户行名称 of the table 企业财务账户表</u>

CK bank name

5.2.1.6.15.3 Check of the column 开户行名称 of the table 企业财务账户表

Minimum Value	
Maximum Value	

Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.6.15.4 Server validation rule of the column 开户行名称 of the table 企业财务账户表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.6.15.5 List of extended attributes of the table column 开户行名称

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.6.16 Column 银行账号 of the table 企业财务账户表</u>

5.2.1.6.16.1 Card of the column 银行账号 of the table 企业财务账户表

Name	银行账号
Code	bank_acc
Data Type	varchar(19)
Mandatory	No

<u>5.2.1.6.16.2 Check constraint name of the column 银行账号 of the table 企业财务账户表</u>

CK bank acc

5.2.1.6.16.3 Check of the column 银行账号 of the table 企业财务账户表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.6.16.4 Server validation rule of the column 银行账号 of the table 企业财务账户表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.6.16.5 List of extended attributes of the table column 银行账号</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.6.17 Column 账户金额 of the table 企业财务账户表</u>

<u>5.2.1.6.17.1 Card of the column 账户金额 of the table 企业财务账户表</u>

Name 账户金额	
-----------	--

Code	balance
Data Type	decimal(10,2)
Mandatory	No

<u>5.2.1.6.17.2 Check constraint name of the column 账户金额 of the table 企业财务账户表</u>

CK balance

5.2.1.6.17.3 Check of the column 账户金额 of the table 企业财务账户表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.6.17.4 Server validation rule of the column 账户金额 of the table 企业财务账户表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.6.17.5 List of extended attributes of the table column 账户金额

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.6.18 Column 报价冻结金额 of the table 企业财务账户表</u>

<u>5.2.1.6.18.1 Card of the column 报价冻结金额 of the table 企业财务账户表</u>

Name	报价冻结金额
Code	freeze
Data Type	decimal(10,2)
Mandatory	No

5.2.1.6.18.2 Check constraint name of the column 报价冻结金额 of the table 企业财务账户表

CK_freeze

5.2.1.6.18.3 Check of the column 报价冻结金额 of the table 企业财务账户表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.6.18.4 Server validation rule of the column 报价冻结金额 of the table 企业财务账户表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.6.18.5 List of extended attributes of the table column 报价冻结金额

Name	Data Type	Value	Target Name

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.6.19 Column 开户许可证(文件) of the table 企业财务账户表

<u>5.2.1.6.19.1 Card of the column 开户许可证(文件) of the table 企业财务账户表</u>

Name	开户许可证(文件)
Code	ao_permit_file
Data Type	varchar(255)
Mandatory	No

5.2.1.6.19.2 Check constraint name of the column 开户许可证(文件) of the table 企业财务账户表

CK_ao_permit_file

<u>5.2.1.6.19.3 Check of the column 开户许可证(文件) of the table 企业财务账户表</u>

Minimum Value		
Maximum Value		
Default Value		
Unit		
Format		
Cannot Modify	No	
List Of Values		

<u>5.2.1.6.19.4 Server validation rule of the column 开户许可证(文件) of the table 企业财务账户表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.6.19.5 List of extended attributes of the table column 开户许可证(文件)

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.6.20 Column 信息状态 of the table 企业财务账户表</u>

5.2.1.6.20.1 Card of the column 信息状态 of the table 企业财务账户表

Name	信息状态
Code	status
Data Type	enum('1','2','3')
Mandatory	Yes

<u>5.2.1.6.20.2 Check constraint name of the column 信息状态 of the table 企业财务账户表</u>

CK status

5.2.1.6.20.3 Check of the column 信息状态 of the table 企业财务账户表

Minimum Value	
Maximum Value	

Default Value	1
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.6.20.4 Server validation rule of the column 信息状态 of the table 企业财务账户表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.6.20.5 List of extended attributes of the table column 信息状态

Name Data Type		Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.6.21 Column 审核意见 of the table 企业财务账户表</u>

<u>5.2.1.6.21.1 Card of the column 审核意见 of the table 企业财务账户表</u>

Name	审核意见
Code	audit_opinion
Data Type	varchar(255)
Mandatory	No

5.2.1.6.21.2 Check constraint name of the column 审核意见 of the table 企业财务账户表

CK audit opinion

5.2.1.6.21.3 Check of the column 审核意见 of the table 企业财务账户表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.6.21.4 Server validation rule of the column 审核意见 of the table 企业财务账户表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.6.21.5 List of extended attributes of the table column 审核意见</u>

Name Data Type		Value	Target Name	
CharSet	CharSets		MySQL 5.7	
Collate	(String)		MySQL 5.7	
National	(Boolean)	false	MySQL 5.7	
Unsigned	(Boolean)	false	MySQL 5.7	
ZeroFill	(Boolean)	false	MySQL 5.7	

5.2.1.6.22 List of keys of the table 企业财务账户表

Name	Code	Primary
Key_1	Key_1	X

5.2.1.6.23 Key Key_1 of the table 企业财务账户表

<u>5.2.1.6.23.1 Card of the key Key_1 of the table 企业财务账户表</u>

Name	Key_1
Code	Key_1
Table	企业财务账户表

5.2.1.6.23.2 Code preview of the key Key_1 of the table 企业财务账户表

use coal_trading;

alter table ct_finance
drop primary key;

5.2.1.6.23.3 List of columns of the table key Key 1

Name	Code		
交易用户ID	main_userid		
财务用户ID	finance_userid		

5.2.1.6.23.4 List of extended attributes of the table key Key_1

Name Data Type		Value	Target Name	
ExtUnique	(Boolean)	false	MySQL 5.7	

<u>5.2.1.6.24 List of indexes of the table 企业财务账户表</u>

Name	Code	Unique	Cluster	Primary	Foreign	Alternate
					Key	Key
Index_finance_useri d	Index_finance_useri d	X				
Index_main_userid	Index_main_userid	X				

<u>5.2.1.6.25 Index Index_finance_userid of the table 企业财务账户表</u>

<u>5.2.1.6.25.1 Card of the index Index_finance_userid of the table 企业财务账户表</u>

Name	Index_finance_userid
Code	Index_finance_userid
Unique	Yes
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	企业财务账户表

<u>5.2.1.6.25.2 Code preview of the index Index finance_userid of the table 企业财务账户表</u>

5.2.1.6.25.3 List of index columns of the table index Index_finance_userid

Name	Code	Sort
财务用户ID	finance userid	Ascending

5.2.1.6.25.4 List of extended attributes of the table index Index_finance_userid

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.6.26 Index Index_main_userid of the table 企业财务账户表</u>

5.2.1.6.26.1 Card of the index Index main userid of the table 企业财务账户表

Name	Index_main_userid
Code	Index_main_userid
Unique	Yes
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	企业财务账户表

<u>5.2.1.6.26.2 Code preview of the index Index main userid of the table 企业财务账户表</u>

5.2.1.6.26.3 List of index columns of the table index Index_main_userid

Name	Code	Sort
交易用户ID	main userid	Ascending

5.2.1.6.26.4 List of extended attributes of the table index Index main_userid

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.7 Table 挂牌需求表</u>

use coal trading;

);

5.2.1.7.1 Card of table <u>挂牌需求表</u>

Name	挂牌需求表
Code	ct_request
DBMS	MySQL 5.7

<u>5.2.1.7.2 Check constraint name of the table 挂牌需求表</u>

TK_ct_request

5.2.1.7.3 Server validation rule of the table 挂牌需求表

%RULES%

5.2.1.7.4 Options of the table 挂牌需求表

engine = InnoDB

<u>5.2.1.7.5 Code preview of the table 挂牌需求表</u>

```
use coal trading;
drop table if exists ct request;
                                            */
/* Table: ct_request
create table ct_request
              bigint(20) not null comment '需求ID',
 id
                bigint(20) comment '用户ID',
 user_id
                  datetime comment '创建时间',
 created_time
                  datetime comment '结束时间',
 ended time
               enum('1','2') comment '1. 卖出
       2. 采购',
               enum('1','2','3','4','5') not null comment '需求状态
 status
       1. 草稿
       2. 发布
       3. 被摘取
       4. 隐藏
       5. 完成',
               json comment '需求信息(JSON)',
 detail
 zp_id
                bigint(20) comment '摘牌者ID',
 zp_detail
                json comment '摘牌信息(JSON)',
 contract file
                  varchar(255) comment '合同文件(路径)',
 primary key (id)
engine = InnoDB;
/* Index: Index req id
create index Index req id on ct request
 id
);
alter table ct request add constraint FK REQ REF USER 1 foreign key (user id)
   references ct users (id) on delete restrict on update restrict;
alter table ct request add constraint FK REQ REF USER 2 foreign key (zp id)
   references ct users (id) on delete restrict on update restrict;
```

<u>5.2.1.7.6 List of diagrams containing the table 挂牌需求表</u>

Name	Code
国煤交易系统	pdp

5.2.1.7.7 List of incoming references of the table 挂牌需求表

Name	Code
ORDER_REF_REQ	ORDER_REF_REQ

<u>5.2.1.7.8 List of outgoing references of the table 挂牌需求表</u>

Name	Code	Foreign Key Columns
REQ_REF_USER_1	REQ_REF_USER_1	用户ID

Name	Code	Foreign Key Columns
REQ_REF_USER_2	REQ_REF_USER_2	摘牌者ID

<u>5.2.1.7.9 List of all dependencies of the table 挂牌需求表</u>

Name	Code	Class Name
ORDER_REF_REQ	ORDER_REF_REQ	Reference
REQ_REF_USER_1	REQ_REF_USER_1	Reference
REQ_REF_USER_2	REQ_REF_USER_2	Reference

<u>5.2.1.7.10 List of extended attributes of the table 挂牌需求表</u>

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.7

<u>5.2.1.7.11 List of columns of the table 挂牌需求表</u>

Name	Code
需求ID	id
用户ID	user_id
创建时间	created_time
结束时间	ended_time
需求类型	type
需求状态	status
需求信息(JSON)	detail
摘牌者ID	zp_id
摘牌信息 (JSON)	zp_detail
合同文件(路径)	contract_file

5.2.1.7.12 Column 需求ID of the table 挂牌需求表

<u>5.2.1.7.12.1 Card of the column 需求ID of the table 挂牌需求表</u>

Name	需求ID
Code	id
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.7.12.2 Check constraint name of the column 需求ID of the table 挂牌需求表</u>

 CK_id

<u>5.2.1.7.12.3 Check of the column 需求ID of the table 挂牌需求表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.7.12.4 Server validation rule of the column 需求ID of the table 挂牌需求表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.7.12.5 List of all dependencies of the table column 需求ID

Name	Code	Class Name
------	------	------------

Name	Code	Class Name
Key_1	Key_1	Key
需求ID	id	Index Column
?	?	Reference Join

<u>5.2.1.7.12.6 List of extended attributes of the table column 需求ID</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.7.13 Column 用户ID of the table 挂牌需求表

<u>5.2.1.7.13.1 Card of the column 用户ID of the table 挂牌需求表</u>

Name	用户ID
Code	user_id
Data Type	bigint(20)
Mandatory	No

5.2.1.7.13.2 Check constraint name of the column 用户ID of the table 挂牌需求表

CK_user_id

5.2.1.7.13.3 Check of the column 用户ID of the table 挂牌需求表

Minimum Value		
Maximum Value		
Default Value		
Unit		
Format		
Cannot Modify	No	
List Of Values		

5.2.1.7.13.4 Server validation rule of the column 用户ID of the table 挂牌需求表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.7.13.5 List of all dependencies of the table column 用户ID</u>

Name	Code	Class Name
?	?	Reference Join

5.2.1.7.13.6 List of extended attributes of the table column 用户ID

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.7.14 Column 创建时间 of the table 挂牌需求表</u>

Name	创建时间
Code	created_time
Data Type	datetime
Mandatory	No

5.2.1.7.14.2 Check constraint name of the column 创建时间 of the table 挂牌需求表

CK_created_time

5.2.1.7.14.3 Check of the column 创建时间 of the table 挂牌需求表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.7.14.4 Server validation rule of the column 创建时间 of the table 挂牌需求表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.7.14.5 List of extended attributes of the table column 创建时间

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.7.15 Column 结束时间 of the table 挂牌需求表</u>

<u>5.2.1.7.15.1 Card of the column 结束时间 of the table 挂牌需求表</u>

Name	结束时间
Code	ended_time
Data Type	datetime
Mandatory	No

<u>5.2.1.7.15.2 Check constraint name of the column 结束时间 of the table 挂牌需求表</u>

CK_ended_time

5.2.1.7.15.3 Check of the column 结束时间 of the table 挂牌需求表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.7.15.4 Server validation rule of the column 结束时间 of the table 挂牌需求表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.7.16 Column 需求类型 of the table 挂牌需求表</u>

<u>5.2.1.7.16.1 Card of the column 需求类型 of the table 挂牌需求表</u>

Name	需求类型
Code	type
Data Type	enum('1','2')
Mandatory	No

5.2.1.7.16.2 Check constraint name of the column 需求类型 of the table 挂牌需求表

CK_type

<u>5.2.1.7.16.3 Check of the column 需求类型 of the table 挂牌需求表</u>

Minimum Value		
Maximum Value		
Default Value		
Unit		
Format		
Cannot Modify	No	
List Of Values		

5.2.1.7.16.4 Server validation rule of the column 需求类型 of the table 挂牌需求表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.7.16.5 List of extended attributes of the table column 需求类型

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.7.17 Column 需求状态 of the table 挂牌需求表</u>

5.2.1.7.17.1 Card of the column 需求状态 of the table 挂牌需求表

Name	需求状态
Code	status
Data Type	enum('1','2','3','4','5')
Mandatory	Yes

<u>5.2.1.7.17.2 Check constraint name of the column 需求状态 of the table 挂牌需求表</u>

CK status

5.2.1.7.17.3 Check of the column 需求状态 of the table 挂牌需求表

Minimum Value	
Maximum Value	

Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.7.17.4 Server validation rule of the column 需求状态 of the table 挂牌需求表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.7.17.5 List of extended attributes of the table column 需求状态

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.7.18 Column 需求信息(JSON) of the table 挂牌需求表</u>

5.2.1.7.18.1 Card of the column 需求信息(JSON) of the table 挂牌需求表

Name	需求信息(JSON)
Code	detail
Data Type	json
Mandatory	No

5.2.1.7.18.2 Check constraint name of the column 需求信息(JSON) of the table 挂牌需求表

CK detail

5.2.1.7.18.3 Check of the column 需求信息(JSON) of the table 挂牌需求表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.7.18.4 Server validation rule of the column 需求信息(JSON) of the table 挂牌需求表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.7.18.5 List of extended attributes of the table column 需求信息(JSON)

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.7.19 Column 摘牌者ID of the table 挂牌需求表

<u>5.2.1.7.19.1 Card of the column 摘牌者ID of the table 挂牌需求表</u>

Name 摘牌者ID

Code	zp_id
Data Type	bigint(20)
Mandatory	No

<u>5.2.1.7.19.2 Check constraint name of the column 摘牌者ID of the table 挂牌需求表</u>

CK_zp_id

5.2.1.7.19.3 Check of the column 摘牌者ID of the table 挂牌需求表

Minimum Value		
Maximum Value		
Default Value		
Unit		
Format		
Cannot Modify	No	
List Of Values		

<u>5.2.1.7.19.4 Server validation rule of the column 摘牌者ID of the table 挂牌需求表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.7.19.5 List of all dependencies of the table column 摘牌者ID

Name	Code	Class Name
?	?	Reference Join

5.2.1.7.19.6 List of extended attributes of the table column 摘牌者ID

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.7.20 Column 摘牌信息(JSON) of the table 挂牌需求表

<u>5.2.1.7.20.1 Card of the column 摘牌信息(JSON) of the table 挂牌需求表</u>

Name	摘牌信息 (JSON)
Code	zp_detail
Data Type	json
Mandatory	No

<u>5.2.1.7.20.2 Check constraint name of the column 摘牌信息(JSON) of the table 挂牌需求表</u>

CK_zp_detail

<u>5.2.1.7.20.3 Check of the column 摘牌信息(JSON) of the table 挂牌需求表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

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5.2.1.7.20.4 Server validation rule of the column 摘牌信息(JSON) of the table 挂牌需求表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.7.20.5 List of extended attributes of the table column 摘牌信息(JSON)</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.7.21 Column 合同文件(路径) of the table 挂牌需求表</u>

5.2.1.7.21.1 Card of the column 合同文件(路径) of the table 挂牌需求表

Name	合同文件(路径)
Code	contract_file
Data Type	varchar(255)
Mandatory	No

<u>5.2.1.7.21.2 Check constraint name of the column 合同文件(路径) of the table 挂牌需求表</u>

CK_contract_file

5.2.1.7.21.3 Check of the column 合同文件(路径) of the table 挂牌需求表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.7.21.4 Server validation rule of the column 合同文件(路径) of the table 挂牌需求表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.7.21.5 List of extended attributes of the table column 合同文件(路径)

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.7.22 List of keys of the table 挂牌需求表</u>

Name	Code	Primary
Key_1	Key_1	X

5.2.1.7.23 Key Key_1 of the table 挂牌需求表

5.2.1.7.23.1 Card of the key Key_1 of the table 挂牌需求表

Name	Key_1
Code	Key_1
Table	挂牌需求表

5.2.1.7.23.2 Code preview of the key Key_1 of the table 挂牌需求表

use coal_trading;

alter table ct_request
 drop primary key;

5.2.1.7.23.3 List of columns of the table key Key_1

Name	Code	
需求ID	id	

5.2.1.7.23.4 List of all dependencies of the table key Key_1

Name	Code	Class Name
ORDER_REF_REQ	ORDER_REF_REQ	Reference

5.2.1.7.23.5 List of extended attributes of the table key Key_1

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.7

<u>5.2.1.7.24 List of indexes of the table 挂牌需求表</u>

	Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
ſ	Index_req_id	Index_req_id					

<u>5.2.1.7.25 Index Index_req_id of the table 挂牌需求表</u>

<u>5.2.1.7.25.1 Card of the index Index_req_id of the table 挂牌需求表</u>

Name	Index_req_id
Code	Index_req_id
Unique	No
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	挂牌需求表

<u>5.2.1.7.25.2 Code preview of the index Index reg id of the table 挂牌需求表</u>

5.2.1.7.25.3 List of index columns of the table index Index_req_id

Name	Code	Sort
需求ID	id	Ascending

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

5.2.1.8 Table 新闻资讯表

5.2.1.8.1 Card of table 新闻资讯表

Name	新闻资讯表
Code	ct_news
DBMS	MySQL 5.7

5.2.1.8.2 Check constraint name of the table 新闻资讯表

TK ct news

5.2.1.8.3 Server validation rule of the table 新闻资讯表

%RULES%

5.2.1.8.4 Options of the table 新闻资讯表

engine = InnoDB

5.2.1.8.5 End script of the table 新闻资讯表

```
INSERT INTO ct_news(id, title, content, status, author_id, auditor_id) VALUES (1, "草稿资讯", "草稿资讯的内容", 1, 2, NULL), (2, "审核中资讯", "审核中资讯的内容", 2, 2, 3), (3, "审核驳回资讯", "审核驳回资讯的内容", 3, 2, 3), (4, "发布的资讯", "发布的资讯的内容", 4, 2, 3), (5, "撤销的资讯", "撤销的资讯的内容", 5, 2, 3);
```

<u>5.2.1.8.6 Code preview of the table 新闻资讯表</u>

```
use coal_trading;
```

```
drop table if exists ct news;
```

```
/* Table: ct news
create table ct news
             bigint(20) not null auto increment comment '新闻ID',
 id
             varchar(20) not null comment '新闻标题',
 title
 content
               text not null comment '内容',
              datetime default CURRENT TIMESTAMP comment '创建时间',
 date
              enum('1','2','3','4','5') not null comment '状态:
 status
      1. 草稿
      2. 审核中
      3. 驳回(审核不通过)
      4. 发布
      5. 撤销(隐藏)
      删除(记录直接没了)',
                bigint(20) not null comment '编写人员',
 author id
                bigint(20) comment '审核人员',
 auditor_id
                 varchar(255) comment '审核意见',
 audit opinion
 primary key (id)
engine = InnoDB;
INSERT INTO ct_news(id, title, content, status, author_id, auditor_id)
VALUES
(1, "草稿资讯", "草稿资讯的内容", 1, 2, NULL),
(2, "审核中资讯", "审核中资讯的内容", 2, 2, 3),
```

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<u>5.2.1.8.7 List of diagrams containing the table 新闻资讯表</u>

Name	Code
国煤交易系统	pdp

5.2.1.8.8 List of outgoing references of the table 新闻资讯表

Name	Code	Foreign Key Columns
NEWS_REF_USER_1	NEWS_REF_USER_1	编写人员
NEWS_REF_USER_2	NEWS_REF_USER_2	审核人员

5.2.1.8.9 List of all dependencies of the table 新闻资讯表

Name	Code	Class Name
NEWS_REF_USER_1	NEWS_REF_USER_1	Reference
NEWS_REF_USER_2	NEWS_REF_USER_2	Reference

<u>5.2.1.8.10 List of extended attributes of the table 新闻资讯表</u>

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.7

<u>5.2.1.8.11 List of columns of the table 新闻资讯表</u>

Name	Code
新闻ID	id
新闻标题	title
内容	content
创建时间	date
状态	status
编写人员	author_id
审核人员	auditor_id
审核意见	audit_opinion

<u>5.2.1.8.12 Column 新闻ID of the table 新闻资讯表</u>

5.2.1.8.12.1 Card of the column 新闻ID of the table 新闻资讯表

Name	新闻ID
Code	id
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.8.12.2 Check constraint name of the column 新闻ID of the table 新闻资讯表</u>

CK id

5.2.1.8.12.3 Check of the column 新闻ID of the table 新闻资讯表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.8.12.4 Server validation rule of the column 新闻ID of the table 新闻资讯表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.8.12.5 List of all dependencies of the table column 新闻ID

Name	Code	Class Name
Key_1	Key_1	Key
新闻ID	id	Index Column

<u>5.2.1.8.12.6 List of extended attributes of the table column 新闻ID</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.8.13 Column 新闻标题 of the table 新闻资讯表

5.2.1.8.13.1 Card of the column 新闻标题 of the table 新闻资讯表

Name	新闻标题
Code	title
Data Type	varchar(20)
Mandatory	Yes

5.2.1.8.13.2 Check constraint name of the column 新闻标题 of the table 新闻资讯表

CK_title

5.2.1.8.13.3 Check of the column 新闻标题 of the table 新闻资讯表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.8.13.4 Server validation rule of the column 新闻标题 of the table 新闻资讯表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.8.14 Column 内容 of the table 新闻资讯表</u>

<u>5.2.1.8.14.1 Card of the column 内容 of the table 新闻资讯表</u>

Name	内容
Code	content
Data Type	text
Mandatory	Yes

5.2.1.8.14.2 Check constraint name of the column 内容 of the table 新闻资讯表

CK content

<u>5.2.1.8.14.3 Check of the column 内容 of the table 新闻资讯表</u>

Minimum Value		
Maximum Value		
Default Value		
Unit		
Format		
Cannot Modify	No	
List Of Values		

<u>5.2.1.8.14.4 Server validation rule of the column 内容 of the table 新闻资讯表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.8.14.5 List of extended attributes of the table column 内容

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.8.15 Column 创建时间 of the table 新闻资讯表</u>

5.2.1.8.15.1 Card of the column 创建时间 of the table 新闻资讯表

Name	创建时间
Code	date
Data Type	datetime
Mandatory	No

<u>5.2.1.8.15.2 Check constraint name of the column 创建时间 of the table 新闻资讯表</u>

CK date

5.2.1.8.15.3 Check of the column 创建时间 of the table 新闻资讯表

Minimum Value	
Maximum Value	

Default Value	CURRENT_TIMESTAMP
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.8.15.4 Server validation rule of the column 创建时间 of the table 新闻资讯表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.8.15.5 List of extended attributes of the table column 创建时间

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.8.16 Column 状态 of the table 新闻资讯表</u>

5.2.1.8.16.1 Card of the column 状态 of the table 新闻资讯表

Name	状态
Code	status
Data Type	enum('1','2','3','4','5')
Mandatory	Yes

<u>5.2.1.8.16.2 Check constraint name of the column 状态 of the table 新闻资讯表</u>

CK status

5.2.1.8.16.3 Check of the column 状态 of the table 新闻资讯表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.8.16.4 Server validation rule of the column 状态 of the table 新闻资讯表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.8.16.5 List of extended attributes of the table column 状态</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.8.17 Column 编写人员 of the table 新闻资讯表

<u>5.2.1.8.17.1 Card of the column 编写人员 of the table 新闻资讯表</u>

Name	
------	--

Code	author_id
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.8.17.2 Check constraint name of the column 编写人员 of the table 新闻资讯表</u>

CK_author_id

5.2.1.8.17.3 Check of the column 编写人员 of the table 新闻资讯表

Minimum Value		
Maximum Value		
Default Value		
Unit		
Format		
Cannot Modify	No	
List Of Values		

<u>5.2.1.8.17.4 Server validation rule of the column 编写人员 of the table 新闻资讯表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.8.17.5 List of all dependencies of the table column 编写人员</u>

Name	Code	Class Name
?	?	Reference Join

<u>5.2.1.8.17.6 List of extended attributes of the table column 编写人员</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.8.18 Column 审核人员 of the table 新闻资讯表

<u>5.2.1.8.18.1 Card of the column 审核人员 of the table 新闻资讯表</u>

Name	审核人员
Code	auditor_id
Data Type	bigint(20)
Mandatory	No

<u>5.2.1.8.18.2 Check constraint name of the column 审核人员 of the table 新闻资讯表</u>

CK_auditor_id

5.2.1.8.18.3 Check of the column 审核人员 of the table 新闻资讯表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.8.18.4 Server validation rule of the column 审核人员 of the table 新闻资讯表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.8.18.5 List of all dependencies of the table column 审核人员</u>

Name	Code	Class Name
?	?	Reference Join

<u>5.2.1.8.18.6 List of extended attributes of the table column 审核人员</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.8.19 Column 审核意见 of the table 新闻资讯表

<u>5.2.1.8.19.1 Card of the column 审核意见 of the table 新闻资讯表</u>

Name	审核意见
Code	audit_opinion
Data Type	varchar(255)
Mandatory	No

<u>5.2.1.8.19.2 Check constraint name of the column 审核意见 of the table 新闻资讯表</u>

CK audit opinion

5.2.1.8.19.3 Check of the column 审核意见 of the table 新闻资讯表

Minimum Value			
Maximum Value			
Default Value			
Unit			
Format			
Cannot Modify	No		
List Of Values			

5.2.1.8.19.4 Server validation rule of the column 审核意见 of the table 新闻资讯表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.8.19.5 List of extended attributes of the table column 审核意见

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.8.20 List of keys of the table 新闻资讯表

Name	Code	Primary
Key_1	Key_1	X

<u>5.2.1.8.21 Key Key_1 of the table 新闻资讯表</u>

5.2.1.8.21.1 Card of the key Key_1 of the table 新闻资讯表

Name	Key_1
Code	Key_1
Table	新闻资讯表

<u>5.2.1.8.21.2 Code preview of the key Key 1 of the table 新闻资讯表</u>

use coal_trading;

alter table ct_news drop primary key;

5.2.1.8.21.3 List of columns of the table key Key_1

Name	Code
新闻ID	id

5.2.1.8.21.4 List of extended attributes of the table key Key_1

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.7

5.2.1.8.22 List of indexes of the table 新闻资讯表

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
Index_news_id	Index_news_id	X				

<u>5.2.1.8.23 Index Index news id of the table 新闻资讯表</u>

<u>5.2.1.8.23.1 Card of the index Index news id of the table 新闻资讯表</u>

Name	Index_news_id
Code	Index_news_id
Unique	Yes
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	新闻资讯表

<u>5.2.1.8.23.2 Code preview of the index Index_news_id of the table 新闻资讯表</u>

5.2.1.8.23.3 List of index columns of the table index Index news id

Name	Code	Sort
新闻ID	id	Ascending

5.2.1.8.23.4 List of extended attributes of the table index Index_news_id

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.9 Table 权限表</u>

<u>5.2.1.9.1 Card of table 权限表</u>

Name	权限表
Code	ct_permissions
DBMS	MySQL 5.7

<u>5.2.1.9.2 Check constraint name of the table 权限表</u>

TK ct permissions

5.2.1.9.3 Server validation rule of the table 权限表

%RULES%

5.2.1.9.4 Options of the table 权限表

engine = InnoDB

<u>5.2.1.9.5 End script of the table 权限表</u>

```
权限:
1. 超级管理员
2. 资讯编辑权限
3. 资讯审核权限
4. 资讯维护权限
5. 注册用户审核权限
6. 交易审核权限
7. 用户创建权限
8. 挂牌权限
9. 挂牌权限
10.信息编辑权限
INSERT INTO ct_permissions VALUES(1, "SUPER_ADMIN"),
(2, "NEWS_EDITOR"),
(3, "NEWS_AUDITOR"),
(4, "NEWS MANAGER"),
(5, "USER_REG_AUDITOR"),
(6, "TRADE AUDITOR"),
(7, "USER ADD"),
(8, "PUB SALE"),
(9, "PUB BUY");
```

<u>5.2.1.9.6 Code preview of the table 权限表</u>

```
use coal trading;
```

drop table if exists ct permissions;

engine = InnoDB; alter table ct_permissions comment '权限: 1. 资讯编辑权限 2. 资讯审核权限 3. 资讯维护权限 4.'; 权限: 1. 超级管理员 2. 资讯编辑权限 3. 资讯审核权限 4. 资讯维护权限 5. 注册用户审核权限 6. 交易审核权限 7. 用户创建权限 8. 挂牌权限 9. 挂牌权限 10.信息编辑权限 INSERT INTO ct_permissions VALUES(1, "SUPER_ADMIN"), (2, "NEWS EDITOR"), (3, "NEWS AUDITOR"), (4, "NEWS MANAGER"), (5, "USER REG AUDITOR"), (6, "TRADE_AUDITOR"), (7, "USER ADD"), (8, "PUB SALE"), (9, "PUB BUY"); /* Index: Index pri

5.2.1.9.7 List of diagrams containing the table 权限表

create unique index Index_pri on ct_permissions

id);

_		
	Name	Code
Γ	国煤交易系统	pdp

<u>5.2.1.9.8 List of incoming references of the table 权限表</u>

Name	Code
RP_REF_PERMISSION	RP_REF_PERMISSION

5.2.1.9.9 List of all dependencies of the table 权限表

Name	Code	Class Name
RP_REF_PERMISSION	RP_REF_PERMISSION	Reference

<u>5.2.1.9.10 List of extended attributes of the table 权限表</u>

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.7

<u>5.2.1.9.11 List of columns of the table 权限表</u>

Name	Code
权限ID	id

Name	Code
权限名	name

<u>5.2.1.9.12 Column 权限ID of the table 权限表</u>

<u>5.2.1.9.12.1 Card of the column 权限ID of the table 权限表</u>

Name	权限ID
Code	id
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.9.12.2 Check constraint name of the column 权限ID of the table 权限表</u>

 CK_id

5.2.1.9.12.3 Check of the column 权限ID of the table 权限表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.9.12.4 Server validation rule of the column 权限ID of the table 权限表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.9.12.5 List of all dependencies of the table column 权限ID</u>

Name	Code	Class Name
Key_1	Key_1	Key
权限ID	id	Index Column
?	?	Reference Join

<u>5.2.1.9.12.6 List of extended attributes of the table column 权限ID</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.9.13 Column 权限名 of the table 权限表</u>

<u>5.2.1.9.13.1 Card of the column 权限名 of the table 权限表</u>

Name	权限名
Code	name
Data Type	varchar(15)
Mandatory	No

5.2.1.9.13.2 Check constraint name of the column 权限名 of the table 权限表

CK name

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.9.13.4 Server validation rule of the column 权限名 of the table 权限表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.9.13.5 List of extended attributes of the table column 权限名</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.9.14 List of keys of the table 权限表</u>

Name	Code	Primary
Key_1	Key_1	X

<u>5.2.1.9.15 Key Key_1 of the table 权限表</u>

<u>5.2.1.9.15.1 Card of the key Key_1 of the table 权限表</u>

Name	Key_1
Code	Key_1
Table	权限表

<u>5.2.1.9.15.2 Code preview of the key Key_1 of the table 权限表</u>

use coal_trading;

alter table ct_permissions drop primary key;

5.2.1.9.15.3 List of columns of the table key Key_1

Name	Code
权限ID	id

5.2.1.9.15.4 List of all dependencies of the table key Key 1

Name	Code	Class Name
RP_REF_PERMISSION	RP_REF_PERMISSION	Reference

5.2.1.9.15.5 List of extended attributes of the table key Key_1

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.7

5.2.1.9.16 List of indexes of the table 权限表

Name	Code	Unique	Cluster	Primary	Foreign	Alternate
					Key	Key

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
Index_pri	Index_pri	X				

<u>5.2.1.9.17 Index Index_pri of the table 权限表</u>

<u>5.2.1.9.17.1 Card of the index Index_pri of the table 权限表</u>

Name	Index_pri
Code	Index_pri
Unique	Yes
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	权限表

<u>5.2.1.9.17.2 Code preview of the index Index_pri of the table 权限表</u>

5.2.1.9.17.3 List of index columns of the table index Index_pri

Name	Code	Sort
权限ID	id	Ascending

5.2.1.9.17.4 List of extended attributes of the table index Index_pri

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.10 Table 用户表</u>

<u>5.2.1.10.1 Card of table 用户表</u>

Name	用户表
Code	ct_users
DBMS	MySQL 5.7

<u>5.2.1.10.2 Check constraint name of the table 用户表</u>

TK_ct_users

<u>5.2.1.10.3 Server validation rule of the table 用户表</u>

%RULES%

<u>5.2.1.10.4 Options of the table 用户表</u>

engine = InnoDB

5.2.1.10.5 End script of the table 用户表

国煤交易系统 Physical Data Model

INSERT INTO 'ct users' ('id', 'login', 'pass', 'nick', 'email') **VALUES** (1, 'superadmin', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '超级管理员', "1@mail.com"), (2, 'newseditor1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '资讯编辑员1', '2@mail.com'), (3, 'newsauditor1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '资讯审核员1', '3@mail.com'), (4, 'newsmanager1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '资讯维护员1', "4@mail.com"), (5, 'userregauditor1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '注册用户审核员1', "5@mail.com"), (6. 'tradeauditor1', '\$2a\$10\$,y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '交易审核员1', "6@mail.com"), (7, 'saleuser1', '\$2a\$10\$,y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '供应商用户1', "7@mail.com"), (8, 'salemoneyuser1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '供应商财务用户1', "8@mail.com"),

(9, 'buyuser1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '采购商用户', "9@mail.com"), (10, 'buymoneyuser1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '采购商财务用户1',

"10@mail.com");

5.2.1.10.6 Code preview of the table 用户表

```
use coal trading;
drop table if exists ct users;
                                        */
/* Table: ct users
create table ct users
             bigint(20) not null auto increment comment '用户ID (唯一)',
 id
              varchar(20) not null comment '登录名(唯一)',
 login
              varchar(100) comment '用户密码:
       要经过加密',
              varchar(20) comment '用户昵称',
 nick
               varchar(20) comment '用户邮箱(唯一)',
 email
                datetime default CURRENT TIMESTAMP comment '创建时间',
 registered
 status
              enum('1','2') not null default '2' comment '用户状态
      1. 用户未激活
      2. 己激活',
 primary key (id)
engine = InnoDB;
alter table ct users comment '存储的用户类型:
1. 管理员
2. 交易用户
3. 财务用户
INSERT INTO 'ct users' ('id', 'login', 'pass', 'nick', 'email')
```

- (1, 'superadmin', '\$2a\$10\$.y9u24vrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '超级管理员', "1@mail.com"),
- (2, 'newseditor1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '资讯编辑员1', '2@mail.com'),
- (3, 'newsauditor1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '资讯审核员1', '3@mail.com'),
- (4, 'newsmanager1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '资讯维护员1', "4@mail.com"),
- (5, 'userregauditor1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '注册用户审核员1', "5@mail.com"),
- (6, 'tradeauditor1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '交易审核员1', "6@mail.com").
- (7, 'saleuser1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '供应商用户1', "7@mail.com"),
- (8, 'salemoneyuser1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '供应商财务用户1', "8@mail.com"),
- (9, 'buyuser1', '\$2a\$10\$.y9u24yrwyy6aw96ny/HVOgPxa.z/WuWzmBKVP0ELbE7w5U.9/EA2', '采购商用户', "9@mail.com"),

<u>5.2.1.10.7 List of diagrams containing the table 用户表</u>

Name	Code
国煤交易系统	pdp

<u>5.2.1.10.8 List of incoming references of the table 用户表</u>

Name	Code
CU_REF_USER	CU_REF_USER
FL_REF_USER	FL_REF_USER
FU_REF_USER_1	FU_REF_USER_1
FU_REF_USER_2	FU_REF_USER_2
NEWS_REF_USER_1	NEWS_REF_USER_1
NEWS_REF_USER_2	NEWS_REF_USER_2
ORDER_REF_USER	ORDER_REF_USER
REQ_REF_USER_1	REQ_REF_USER_1
REQ_REF_USER_2	REQ_REF_USER_2
UM_REF_USER_1	UM_REF_USER_1
UM_REF_USER_2	UM_REF_USER_2
UR_REF_USER	UR_REF_USER

<u>5.2.1.10.9 List of all dependencies of the table 用户表</u>

Name	Code	Class Name
CU_REF_USER	CU_REF_USER	Reference
FL_REF_USER	FL_REF_USER	Reference
FU_REF_USER_1	FU_REF_USER_1	Reference
FU_REF_USER_2	FU_REF_USER_2	Reference
NEWS_REF_USER_1	NEWS_REF_USER_1	Reference
NEWS_REF_USER_2	NEWS_REF_USER_2	Reference
ORDER_REF_USER	ORDER_REF_USER	Reference
REQ_REF_USER_1	REQ_REF_USER_1	Reference
REQ_REF_USER_2	REQ_REF_USER_2	Reference
UM_REF_USER_1	UM_REF_USER_1	Reference
UM_REF_USER_2	UM_REF_USER_2	Reference
UR_REF_USER	UR_REF_USER	Reference

<u>5.2.1.10.10 List of extended attributes of the table 用户表</u>

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.7

<u>5.2.1.10.11 List of columns of the table 用户表</u>

Name	Code
用户ID	id
登录名	login
用户密码	pass
用户昵称	nick
用户邮箱	email
创建时间	registered
用户状态	status

5.2.1.10.12 Column 用户ID of the table 用户表

<u>5.2.1.10.12.1 Card of the column 用户ID of the table 用户表</u>

Name	用户ID
Code	id
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.10.12.2 Check constraint name of the column 用户ID of the table 用户表</u>

 CK_id

<u>5.2.1.10.12.3 Check of the column 用户ID of the table 用户表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.10.12.4 Server validation rule of the column 用户ID of the table 用户表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.10.12.5 List of all dependencies of the table column 用户ID

Name	Code	Class Name
Key_1	Key_1	Key
?	?	Reference Join

Name	Code	Class Name
?	?	Reference Join
?	?	Reference Join

5.2.1.10.12.6 List of extended attributes of the table column 用户ID

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.10.13 Column 登录名 of the table 用户表</u>

<u>5.2.1.10.13.1 Card of the column 登录名 of the table 用户表</u>

Name	登录名
Code	login
Data Type	varchar(20)
Mandatory	Yes

<u>5.2.1.10.13.2 Check constraint name of the column 登录名 of the table 用户表</u>

CK login

<u>5.2.1.10.13.3 Check of the column 登录名 of the table 用户表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.10.13.4 Server validation rule of the column 登录名 of the table 用户表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.10.13.5 List of all dependencies of the table column 登录名</u>

Name	Code	Class Name
登录名	login	Index Column

<u>5.2.1.10.13.6 List of extended attributes of the table column 登录名</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.10.14 Column 用户密码 of the table 用户表

<u>5.2.1.10.14.1 Card of the column 用户密码 of the table 用户表</u>

Name	用户密码
------	------

Code	pass
Data Type	varchar(100)
Mandatory	No

<u>5.2.1.10.14.2 Check constraint name of the column 用户密码 of the table 用户表</u>

CK_pass

<u>5.2.1.10.14.3 Check of the column 用户密码 of the table 用户表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.10.14.4 Server validation rule of the column 用户密码 of the table 用户表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.10.14.5 List of extended attributes of the table column 用户密码

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.10.15 Column 用户昵称 of the table 用户表</u>

<u>5.2.1.10.15.1 Card of the column 用户昵称 of the table 用户表</u>

Name	用户昵称
Code	nick
Data Type	varchar(20)
Mandatory	No

<u>5.2.1.10.15.2 Check constraint name of the column 用户昵称 of the table 用户表</u>

CK_nick

5.2.1.10.15.3 Check of the column 用户昵称 of the table 用户表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.10.15.4 Server validation rule of the column 用户昵称 of the table 用户表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.10.15.5 List of extended attributes of the table column 用户昵称</u>

		Name	Data Type	Value	Target Name
--	--	------	-----------	-------	-------------

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.10.16 Column 用户邮箱 of the table 用户表</u>

<u>5.2.1.10.16.1 Card of the column 用户邮箱 of the table 用户表</u>

Name	用户邮箱
Code	email
Data Type	varchar(20)
Mandatory	No

5.2.1.10.16.2 Check constraint name of the column 用户邮箱 of the table 用户表

CK email

<u>5.2.1.10.16.3 Check of the column 用户邮箱 of the table 用户表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.10.16.4 Server validation rule of the column 用户邮箱 of the table 用户表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.10.16.5 List of all dependencies of the table column 用户邮箱

Name	Code	Class Name
用户邮箱	email	Index Column

5.2.1.10.16.6 List of extended attributes of the table column 用户邮箱

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.10.17 Column 创建时间 of the table 用户表</u>

5.2.1.10.17.1 Card of the column 创建时间 of the table 用户表

Name	创建时间
Code	registered
Data Type	datetime
Mandatory	No

<u>5.2.1.10.17.2 Check constraint name of the column 创建时间 of the table 用户表</u>

CK_registered

5.2.1.10.17.3 Check of the column 创建时间 of the table 用户表

	· · · · · · · · · · · · · · · · · · ·
Minimum Value	
Maximum Value	
Default Value	CURRENT_TIMESTAMP
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.10.17.4 Server validation rule of the column 创建时间 of the table 用户表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.10.17.5 List of extended attributes of the table column 创建时间

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.10.18 Column 用户状态 of the table 用户表</u>

5.2.1.10.18.1 Card of the column 用户状态 of the table 用户表

Name	用户状态
Code	status
Data Type	enum('1','2')
Mandatory	Yes

<u>5.2.1.10.18.2 Check constraint name of the column 用户状态 of the table 用户表</u>

CK status

5.2.1.10.18.3 Check of the column 用户状态 of the table 用户表

Minimum Value	
Maximum Value	
Default Value	2
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.10.18.4 Server validation rule of the column 用户状态 of the table 用户表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.10.18.5 List of extended attributes of the table column 用户状态</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.10.19 List of keys of the table 用户</u>表

Name	Code	Primary
Key_1	Key_1	X

<u>5.2.1.10.20 Key Key_1 of the table 用户表</u>

<u>5.2.1.10.20.1 Card of the key Key_1 of the table 用户表</u>

Name	Key_1
Code	Key_1
Table	用户表

<u>5.2.1.10.20.2 Code preview of the key Key_1 of the table 用户表</u>

use coal trading;

alter table ct_users
drop primary key;

5.2.1.10.20.3 List of columns of the table key Key 1

Name	Code
用户ID	id

5.2.1.10.20.4 List of all dependencies of the table key Key 1

Name	Code	Class Name
CU_REF_USER	CU_REF_USER	Reference
FL_REF_USER	FL_REF_USER	Reference
FU_REF_USER_1	FU_REF_USER_1	Reference
FU_REF_USER_2	FU_REF_USER_2	Reference
NEWS_REF_USER_1	NEWS_REF_USER_1	Reference
NEWS_REF_USER_2	NEWS_REF_USER_2	Reference
ORDER_REF_USER	ORDER_REF_USER	Reference
REQ_REF_USER_1	REQ_REF_USER_1	Reference
REQ_REF_USER_2	REQ_REF_USER_2	Reference
UM_REF_USER_1	UM_REF_USER_1	Reference
UM_REF_USER_2	UM_REF_USER_2	Reference
UR_REF_USER	UR_REF_USER	Reference

5.2.1.10.20.5 List of extended attributes of the table key Key_1

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.7

<u>5.2.1.10.21 List of indexes of the table 用户表</u>

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
Index_user_login	Index_user_login	X				
Index_user_email	Index_user_email					

<u>5.2.1.10.22 Index Index_user_login of the table 用户表</u>

<u>5.2.1.10.22.1 Card of the index Index user login of the table 用户表</u>

|--|

Code	Index_user_login
Unique	Yes
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	用户表

<u>5.2.1.10.22.2 Code preview of the index Index user login of the table 用户表</u>

5.2.1.10.22.3 List of index columns of the table index Index_user_login

Name	Code	Sort
登录名	login	Ascending

5.2.1.10.22.4 List of extended attributes of the table index Index_user_login

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.10.23 Index Index_user_email of the table 用户表</u>

<u>5.2.1.10.23.1 Card of the index Index_user_email of the table 用户表</u>

Name	Index_user_email
Code	Index_user_email
Unique	No
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	用户表

<u>5.2.1.10.23.2 Code preview of the index Index_user_email of the table 用户表</u>

5.2.1.10.23.3 List of index columns of the table index Index_user_email

Name	Code	Sort
用户邮箱	email	Ascending

5.2.1.10.23.4 List of extended attributes of the table index Index_user_email

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

5.2.1.11 Table 用户角色表

5.2.1.11.1 Card of table 用户角色表

Name	用户角色表
Code	ct_user_role_relationships
DBMS	MySQL 5.7

<u>5.2.1.11.2 Check constraint name of the table 用户角色表</u>

TK_ct_user_role_relationships

<u>5.2.1.11.3 Server validation rule of the table 用户角色表</u>

%RULES%

5.2.1.11.4 Options of the table 用户角色表

engine = InnoDB

<u>5.2.1.11.5 End script of the table 用户角色表</u>

INSERT INTO ct_user_role_relationships(`user_id`, `role_id`) VALUES(1, 1),(2,2),(3,3),(4,4),(5,5),(6,6),(7,7),(8,9),(9,8),(10,9);

5.2.1.11.6 Code preview of the table 用户角色表

```
use coal_trading;
```

```
drop table if exists ct_user_role_relationships;
```

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```
create unique index Index_user_id on ct_user_role_relationships
(
    user_id
);
alter table ct_user_role_relationships add constraint FK_UR_REF_ROLE foreign key (role_id)
    references ct_userrole (id) on delete restrict on undate restrict;
```

references ct_userrole (id) on delete restrict on update restrict;

alter table ct_user_role_relationships add constraint FK_UR_REF_USER foreign key (user_id) references ct_users (id) on delete restrict on update restrict;

<u>5.2.1.11.7 List of diagrams containing the table 用户角色表</u>

Name	Code
国煤交易系统	pdp

5.2.1.11.8 List of outgoing references of the table 用户角色表

Name	Code	Foreign Key Columns
UR_REF_ROLE	UR_REF_ROLE	角色ID
UR_REF_USER	UR_REF_USER	用户ID

<u>5.2.1.11.9 List of all dependencies of the table 用户角色表</u>

Name	Code	Class Name
UR_REF_ROLE	UR_REF_ROLE	Reference
UR_REF_USER	UR_REF_USER	Reference

<u>5.2.1.11.10 List of extended attributes of the table 用户角色表</u>

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.7

5.2.1.11.11 List of columns of the table 用户角色表

Name	Code
用户ID	user_id
角色ID	role_id

<u>5.2.1.11.12 Column 用户ID of the table 用户角色表</u>

5.2.1.11.12.1 Card of the column 用户ID of the table 用户角色表

Name	用户ID
Code	user_id
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.11.12.2 Check constraint name of the column 用户ID of the table 用户角色表</u>

CK_user_id

<u>5.2.1.11.12.3 Check of the column 用户ID of the table 用户角色表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.11.12.4 Server validation rule of the column 用户ID of the table 用户角色表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.11.12.5 List of all dependencies of the table column 用户ID</u>

Name	Code	Class Name
Key_1	Key_1	Key
用户ID	user_id	Index Column
?	?	Reference Join

<u>5.2.1.11.12.6 List of extended attributes of the table column 用户ID</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.11.13 Column 角色ID of the table 用户角色表</u>

<u>5.2.1.11.13.1 Card of the column 角色ID of the table 用户角色表</u>

Name	角色ID
Code	role_id
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.11.13.2 Check constraint name of the column 角色ID of the table 用户角色表</u>

CK_role_id

<u>5.2.1.11.13.3 Check of the column 角色ID of the table 用户角色表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.11.13.4 Server validation rule of the column 角色ID of the table 用户角色表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.11.13.5 List of all dependencies of the table column 角色ID

Name	Code	Class Name
Key_1	Key_1	Key
角色ID	role_id	Index Column
?	?	Reference Join

5.2.1.11.13.6 List of extended attributes of the table column 角色ID

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7

Name	Data Type	Value	Target Name
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.11.14 List of keys of the table 用户角色表</u>

Name	Code	Primary
Key_1	Key_1	X

<u>5.2.1.11.15 Key Key_1 of the table 用户角色表</u>

5.2.1.11.15.1 Card of the key Key_1 of the table 用户角色表

Name	Key_1
Code	Key_1
Table	用户角色表

<u>5.2.1.11.15.2 Code preview of the key Key_1 of the table 用户角色表</u>

use coal trading;

alter table ct_user_role_relationships drop primary key;

5.2.1.11.15.3 List of columns of the table key Key 1

Name	Code
角色ID	role_id
用户ID	user_id

5.2.1.11.15.4 List of extended attributes of the table key Key_1

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	true	MySQL 5.7

<u>5.2.1.11.16 List of indexes of the table 用户角色表</u>

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
用户角色索引	Index_user_role					
Index_user_id	Index_user_id	X				

<u>5.2.1.11.17 Index 用户角色索引 of the table 用户角色表</u>

<u>5.2.1.11.17.1 Card of the index 用户角色索引 of the table 用户角色表</u>

Name	用户角色索引
Code	Index_user_role
Unique	No
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	用户角色表

<u>5.2.1.11.17.2 Code preview of the index 用户角色索引 of the table 用户角色表</u>

use coal trading;

use coal trading;

5.2.1.11.17.3 List of index columns of the table index 用户角色索引

Name	Code	Sort
角色ID	role_id	Ascending

<u>5.2.1.11.17.4 List of extended attributes of the table index 用户角色索引</u>

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.11.18 Index Index_user_id of the table 用户角色表</u>

5.2.1.11.18.1 Card of the index Index_user_id of the table 用户角色表

Name	Index_user_id
Code	Index_user_id
Unique	Yes
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	用户角色表

<u>5.2.1.11.18.2 Code preview of the index Index_user_id of the table 用户角色表</u>

5.2.1.11.18.3 List of index columns of the table index Index user id

Name	Code	Sort
用户ID	user id	Ascending

5.2.1.11.18.4 List of extended attributes of the table index Index_user_id

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

5.2.1.12 Table 网站消息

5.2.1.12.1 Card of table 网站消息

Name	网站消息
Code	ct_website_message

DBMS	MySQL 5.7

5.2.1.12.2 Check constraint name of the table 网站消息

TK ct website message

5.2.1.12.3 Server validation rule of the table 网站消息

%RULES%

<u>5.2.1.12.4 Options of the table 网站消息</u>

engine = InnoDB

use coal_trading;

5.2.1.12.5 Code preview of the table 网站消息

```
drop table if exists ct website message;
/* Table: ct_website_message
create table ct website message
             bigint(20) not null auto increment comment '新闻主键',
 id
             varchar(50) not null comment '站内信标题',
 title
               varchar(1024) not null comment '站内信内容',
 content
 modified
                datetime default CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP comment '修改时间',
                 smallint not null comment '消息类型(1.系统消息)',
 msg type
               datetime default CURRENT_TIMESTAMP comment '发信时间',
 created
                 bigint(20) comment '发信人用户ID',
 from userid
                   varchar(128) comment '发信人用户名',
 from username
                bigint(20) not null comment '收信人用户ID',
 to userid
                  varchar(128) comment '收信人用户名',
 to username
                 enum('1','2') not null default '1' comment '是否已读(1. 未读; 2.已读)',
 read status
 primary key (id)
engine = InnoDB;
/* Index: Index to userid
create index Index to userid on ct website message
 to_userid
);
alter table ct website message add constraint FK UM REF USER 1 foreign key (from userid)
   references ct users (id) on delete restrict on update restrict;
alter table ct website message add constraint FK UM REF USER 2 foreign key (to userid)
```

<u>5.2.1.12.6 List of diagrams containing the table 网站消息</u>

references ct_users (id) on delete restrict on update restrict;

Name	Code
国煤交易系统	pdp

<u>5.2.1.12.7 List of outgoing references of the table 网站消息</u>

Name	Code	Foreign Key Columns
UM_REF_USER_1	UM_REF_USER_1	发信人用户ID
UM_REF_USER_2	UM_REF_USER_2	收信人ID

Physical Data Model 国煤交易系统

5.2.1.12.8 List of all dependencies of the table 网站消息

Name	Code	Class Name
UM_REF_USER_1	UM_REF_USER_1	Reference
UM_REF_USER_2	UM_REF_USER_2	Reference

5.2.1.12.9 List of extended attributes of the table 网站消息

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.7

5.2.1.12.10 List of columns of the table 网站消息

Name	Code
新闻ID	id
站内信标题	title
站内信内容	content
修改时间	modified
消息类型	msg_type
发信时间	created
发信人用户ID	from_userid
发信人用户名	from_username
收信人ID	to_userid
收信人用户名	to_username
是否已读	read_status

<u>5.2.1.12.11 Column 新闻ID of the table 网站消息</u>

5.2.1.12.11.1 Card of the column 新闻ID of the table 网站消息

Name	新闻ID
Code	id
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.12.11.2 Check constraint name of the column 新闻ID of the table 网站消息</u>

CK_id

<u>5.2.1.12.11.3 Check of the column 新闻ID of the table 网站消息</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.12.11.4 Server validation rule of the column 新闻ID of the table 网站消息</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.12.11.5 List of all dependencies of the table column 新闻ID

Name	Code	Class Name
Key_1	Key_1	Key

5.2.1.12.11.6 List of extended attributes of the table column 新闻ID

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.12.12 Column 站内信标题 of the table 网站消息</u>

5.2.1.12.12.1 Card of the column 站内信标题 of the table 网站消息

Name	站内信标题
Code	title
Data Type	varchar(50)
Mandatory	Yes

5.2.1.12.12.2 Check constraint name of the column 站内信标题 of the table 网站消息

CK title

5.2.1.12.12.3 Check of the column 站内信标题 of the table 网站消息

Minimum Value		
Maximum Value		
Default Value		
Unit		
Format		
Cannot Modify	No	
List Of Values		

<u>5.2.1.12.12.4 Server validation rule of the column 站内信标题 of the table 网站消息</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.12.12.5 List of extended attributes of the table column 站内信标题

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.12.13 Column 站内信内容 of the table 网站消息

5.2.1.12.13.1 Card of the column 站内信内容 of the table 网站消息

Name	站内信内容
Code	content
Data Type	varchar(1024)
Mandatory	Yes

<u>5.2.1.12.13.2 Check constraint name of the column 站内信内容 of the table 网站消息</u>

CK content

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.12.13.4 Server validation rule of the column 站内信内容 of the table 网站消息</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.12.13.5 List of extended attributes of the table column 站内信内容

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)		MySQL 5.7
Unsigned	(Boolean)		MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.12.14 Column 修改时间 of the table 网站消息

5.2.1.12.14.1 Card of the column 修改时间 of the table 网站消息

Name	修改时间
Code	modified
Data Type	datetime
Mandatory	No

<u>5.2.1.12.14.2 Check constraint name of the column 修改时间 of the table 网站消息</u>

CK modified

5.2.1.12.14.3 Check of the column 修改时间 of the table 网站消息

Minimum Value	
Maximum Value	
Default Value	CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.12.14.4 Server validation rule of the column 修改时间 of the table 网站消息

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.12.14.5 List of extended attributes of the table column 修改时间

Name	Name Data Type		Target Name	
CharSet	CharSets		MySQL 5.7	
Collate	(String)		MySQL 5.7	
National	(Boolean)	false	MySQL 5.7	
Unsigned	(Boolean)	false	MySQL 5.7	
ZeroFill	(Boolean)	false	MySQL 5.7	

<u>5.2.1.12.15 Column 消息类型 of the table 网站消息</u>

<u>5.2.1.12.15.1 Card of the column 消息类型 of the table 网站消息</u>

Name	消息类型
Code	msg_type
Data Type	smallint
Mandatory	Yes

<u>5.2.1.12.15.2 Check constraint name of the column 消息类型 of the table 网站消息</u>

CK_msg_type

5.2.1.12.15.3 Check of the column 消息类型 of the table 网站消息

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.12.15.4 Server validation rule of the column 消息类型 of the table 网站消息</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.12.15.5 List of extended attributes of the table column 消息类型

Name	Name Data Type		Target Name	
CharSet	CharSets		MySQL 5.7	
Collate	(String)		MySQL 5.7	
National	(Boolean)	false	MySQL 5.7	
Unsigned	(Boolean)	false	MySQL 5.7	
ZeroFill	(Boolean)	false	MySQL 5.7	

5.2.1.12.16 Column 发信时间 of the table 网站消息

5.2.1.12.16.1 Card of the column 发信时间 of the table 网站消息

Name	发信时间
Code	created
Data Type	datetime
Mandatory	No

<u>5.2.1.12.16.2 Check constraint name of the column 发信时间 of the table 网站消息</u>

CK_created

5.2.1.12.16.3 Check of the column 发信时间 of the table 网站消息

Minimum Value	
Maximum Value	
Default Value	CURRENT_TIMESTAMP
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.12.16.4 Server validation rule of the column 发信时间 of the table 网站消息</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.12.16.5 List of extended attributes of the table column 发信时间</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.12.17 Column 发信人用户ID of the table 网站消息</u>

<u>5.2.1.12.17.1 Card of the column 发信人用户ID of the table 网站消息</u>

Name	发信人用户ID
Code	from_userid
Data Type	bigint(20)
Mandatory	No

5.2.1.12.17.2 Check constraint name of the column 发信人用户ID of the table 网站消息

CK from userid

<u>5.2.1.12.17.3 Check of the column 发信人用户ID of the table 网站消息</u>

Minimum Value			
Maximum Value			
Default Value			
Unit			
Format			
Cannot Modify	No		
List Of Values			

<u>5.2.1.12.17.4 Server validation rule of the column 发信人用户ID of the table 网站消息</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.12.17.5 List of all dependencies of the table column 发信人用户ID

Name	Code	Class Name
?	?	Reference Join

<u>5.2.1.12.17.6 List of extended attributes of the table column 发信人用户ID</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.12.18 Column 发信人用户名 of the table 网站消息

5.2.1.12.18.1 Card of the column 发信人用户名 of the table 网站消息

Name	发信人用户名
Code	from_username
Data Type	varchar(128)
Mandatory	No

5.2.1.12.18.2 Check constraint name of the column 发信人用户名 of the table 网站消息

CK_from_username

5.2.1.12.18.3 Check of the column 发信人用户名 of the table 网站消息

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.12.18.4 Server validation rule of the column 发信人用户名 of the table 网站消息</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.12.18.5 List of extended attributes of the table column 发信人用户名

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.12.19 Column 收信人ID of the table 网站消息

5.2.1.12.19.1 Card of the column 收信人ID of the table 网站消息

Name	收信人ID
Code	to_userid
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.12.19.2 Check constraint name of the column 收信人ID of the table 网站消息</u>

CK_to_userid

5.2.1.12.19.3 Check of the column 收信人ID of the table 网站消息

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.12.19.4 Server validation rule of the column 收信人ID of the table 网站消息</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.12.19.5 List of all dependencies of the table column 收信人ID</u>

Name	Code	Class Name
收信人ID	to_userid	Index Column
?	?	Reference Join

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.12.20 Column 收信人用户名 of the table 网站消息</u>

<u>5.2.1.12.20.1 Card of the column 收信人用户名 of the table 网站消息</u>

Name	收信人用户名
Code	to_username
Data Type	varchar(128)
Mandatory	No

5.2.1.12.20.2 Check constraint name of the column 收信人用户名 of the table 网站消息

CK to username

5.2.1.12.20.3 Check of the column 收信人用户名 of the table 网站消息

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.12.20.4 Server validation rule of the column 收信人用户名 of the table 网站消息</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.12.20.5 List of extended attributes of the table column 收信人用户名</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.12.21 Column 是否已读 of the table 网站消息

<u>5.2.1.12.21.1 Card of the column 是否已读 of the table 网站消息</u>

Name	是否已读
Code	read_status
Data Type	enum('1','2')
Mandatory	Yes

<u>5.2.1.12.21.2 Check constraint name of the column 是否已读 of the table 网站消息</u>

CK read status

5.2.1.12.21.3 Check of the column 是否已读 of the table 网站消息

Minimum Value	
Maximum Value	

Default Value	1
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.12.21.4 Server validation rule of the column 是否已读 of the table 网站消息</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.12.21.5 List of extended attributes of the table column 是否已读

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.12.22 List of keys of the table 网站消息</u>

Name	Code	Primary
Key_1	Key_1	X

<u>5.2.1.12.23 Key Key_1 of the table 网站消息</u>

5.2.1.12.23.1 Card of the key Key_1 of the table 网站消息

Name	Key_1
Code	Key_1
Table	网站消息

5.2.1.12.23.2 Code preview of the key Key 1 of the table 网站消息

use coal_trading;

alter table ct_website_message drop primary key;

5.2.1.12.23.3 List of columns of the table key Key 1

Name	Code
新闻ID	id

5.2.1.12.23.4 List of extended attributes of the table key Key_1

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.7

5.2.1.12.24 List of indexes of the table 网站消息

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
Index_to_userid	Index_to_userid					

<u>5.2.1.12.25 Index Index_to_userid of the table 网站消息</u>

<u>5.2.1.12.25.1 Card of the index Index_to_userid of the table 网站消息</u>

Name	Index_to_userid
Code	Index_to_userid

Physical Data Model 国煤交易系统

Unique	No
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	网站消息

<u>5.2.1.12.25.2 Code preview of the index Index_to_userid of the table 网站消息</u>

5.2.1.12.25.3 List of index columns of the table index Index_to_userid

Name	Code	Sort
收信人ID	to_userid	Ascending

5.2.1.12.25.4 List of extended attributes of the table index Index_to_userid

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.13 Table 角色权限表</u>

5.2.1.13.1 Card of table 角色权限表

Name	角色权限表
Code	ct_role_permission_relationships
DBMS	MySQL 5.7

5.2.1.13.2 Check constraint name of the table 角色权限表

TK_ct_role_permission_relationships

<u>5.2.1.13.3 Server validation rule of the table 角色权限表</u>

%RULES%

<u>5.2.1.13.4 Options of the table 角色权限表</u>

engine = InnoDB

<u>5.2.1.13.5 End script of the table 角色权限表</u>

```
/*role_id, permission*/
INSERT INTO ct_role_permission_relationships VALUES(1,1);
INSERT INTO ct_role_permission_relationships VALUES(1,7);
INSERT INTO ct_role_permission_relationships VALUES(2,2);
INSERT INTO ct_role_permission_relationships VALUES(3,3);
INSERT INTO ct_role_permission_relationships VALUES(4,4);
INSERT INTO ct_role_permission_relationships VALUES(5,5);
INSERT INTO ct_role_permission_relationships VALUES(6,6);
INSERT INTO ct_role_permission_relationships VALUES(7,8);
INSERT INTO ct_role_permission_relationships VALUES(8,9);
```

5.2.1.13.6 Code preview of the table 角色权限表

```
use coal trading;
drop table if exists ct role permission relationships;
/* Table: ct_role_permission_relationships
                                                    */
create table ct role permission relationships
 role id
                bigint(20) not null comment '角色ID',
 permission id
                   bigint(20) not null comment '权限ID',
 primary key (role_id, permission_id)
engine = InnoDB;
alter table ct role permission relationships comment '1个角色可以对应1个权限';
/*role id, permission*/
INSERT INTO ct_role_permission_relationships VALUES(1,1);
INSERT INTO ct role permission relationships VALUES(1,7);
INSERT INTO ct role permission relationships VALUES(2,2);
INSERT INTO ct role permission relationships VALUES(3,3);
INSERT INTO ct role permission relationships VALUES(4,4);
INSERT INTO ct role permission relationships VALUES(5,5);
INSERT INTO ct role permission relationships VALUES(6,6);
INSERT INTO ct role permission relationships VALUES(7,8);
INSERT INTO ct_role_permission_relationships VALUES(8,9);
/* Index: Index role pri id
create unique index Index role pri id on ct role permission relationships
 role id,
 permission_id
alter table ct role permission relationships add constraint FK RP REF PERMISSION foreign key (permission id)
   references ct permissions (id) on delete restrict on update restrict;
alter table ct role permission relationships add constraint FK RP REF ROLE foreign key (role id)
   references ct userrole (id) on delete restrict on update restrict;
```

5.2.1.13.7 List of diagrams containing the table 角色权限表

Name	Code
国煤交易系统	pdp

5.2.1.13.8 List of outgoing references of the table 角色权限表

Name	Code	Foreign Key Columns
RP_REF_PERMISSION	RP_REF_PERMISSION	权限ID
RP_REF_ROLE	RP_REF_ROLE	角色ID

5.2.1.13.9 List of all dependencies of the table 角色权限表

Name	Code	Class Name
RP_REF_PERMISSION	RP_REF_PERMISSION	Reference
RP_REF_ROLE	RP_REF_ROLE	Reference

5.2.1.13.10 List of extended attributes of the table 角色权限表

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.7

<u>5.2.1.13.11 List of columns of the table 角色权限表</u>

Name	Code
角色ID	role_id
权限ID	permission_id

5.2.1.13.12 Column 角色ID of the table 角色权限表

5.2.1.13.12.1 Card of the column 角色ID of the table 角色权限表

Name	角色ID
Code	role_id
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.13.12.2 Check constraint name of the column 角色ID of the table 角色权限表</u>

CK_role_id

5.2.1.13.12.3 Check of the column 角色ID of the table 角色权限表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.13.12.4 Server validation rule of the column 角色ID of the table 角色权限表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.13.12.5 List of all dependencies of the table column 角色ID</u>

Name	Code	Class Name
Key_1	Key_1	Key
角色ID	role_id	Index Column
?	?	Reference Join

5.2.1.13.12.6 List of extended attributes of the table column 角色ID

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.13.13 Column 权限ID of the table 角色权限表</u>

<u>5.2.1.13.13.1 Card of the column 权限ID of the table 角色权限表</u>

Name	权限ID
Code	permission_id

Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.13.13.2 Check constraint name of the column 权限ID of the table 角色权限表</u>

CK_permission_id

5.2.1.13.13.3 Check of the column 权限ID of the table 角色权限表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.13.13.4 Server validation rule of the column 权限ID of the table 角色权限表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.13.13.5 List of all dependencies of the table column 权限ID

Name	Code	Class Name
Key_1	Key_1	Key
权限ID	permission_id	Index Column
?	?	Reference Join

<u>5.2.1.13.13.6 List of extended attributes of the table column 权限ID</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.13.14 List of keys of the table 角色权限表</u>

Name	Code	Primary
Key 1	Key 1	X

5.2.1.13.15 Key Key_1 of the table 角色权限表

5.2.1.13.15.1 Card of the key Key_1 of the table 角色权限表

Name	Key_1
Code	Key_1
Table	角色权限表

<u>5.2.1.13.15.2 Code preview of the key Key 1 of the table 角色权限表</u>

use coal trading;

alter table ct_role_permission_relationships drop primary key;

5.2.1.13.15.3 List of columns of the table key Key_1

Name	Code

Name	Code
角色ID	role_id
权限ID	permission_id

5.2.1.13.15.4 List of extended attributes of the table key Key_1

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.7

5.2.1.13.16 List of indexes of the table 角色权限表

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
Index_role_pri_id	Index_role_pri_id	X				

<u>5.2.1.13.17 Index Index_role_pri_id of the table 角色权限表</u>

<u>5.2.1.13.17.1 Card of the index Index_role_pri_id of the table 角色权限表</u>

Name	Index_role_pri_id
Code	Index_role_pri_id
Unique	Yes
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	角色权限表

<u>5.2.1.13.17.2 Code preview of the index Index_role_pri_id of the table 角色权限表</u>

5.2.1.13.17.3 List of index columns of the table index Index_role_pri_id

Name	Code	Sort
角色ID	role_id	Ascending
权限ID	permission_id	Ascending

5.2.1.13.17.4 List of extended attributes of the table index Index role pri id

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.14 Table 角色表</u>

<u>5.2.1.14.1 Card of table 角色表</u>

Name	角色表
Code	ct_userrole

DBMS MySQL 5.7

5.2.1.14.2 Check constraint name of the table 角色表

TK ct userrole

<u>5.2.1.14.3 Server validation rule of the table 角色表</u>

%RULES%

<u>5.2.1.14.4 Options of the table 角色表</u>

engine = InnoDB

a. 超级管理员

<u>5.2.1.14.5 End script of the table 角色表</u>

```
1. 几种管理员:
  a. 超级管理员
  b. 资讯编辑员
  c. 资讯审核员
  d. 资讯维护员
  e. 注册用户审核员
  f. 交易审核员
2. 交易用户[供应商,采购商]
3. 财务用户
INSERT INTO ct_userrole('id', 'name', 'mark', 'type') VALUES
(1, "超级管理员", "SUPER_ADMIN", "admin"),
(2, "资讯编辑员", "NEWS_EDITOR", "admin"), (3, "资讯审核员", "NEWS_AUDITOR", "admin"),
(4, "资讯维护员", "NEWS MANAGER", "admin"),
(5, "注册用户审核员", "USER_REG_AUDITOR", "admin"),
(6, "交易审核员", "TRADE_AUDITOR", "admin"),
(7, "供应商", "USER SALE", "user"),
(8, "采购商", "USER BUY", "user"),
(9, "财务用户", "USER_MONEY", "user");
5.2.1.14.6 Code preview of the table 角色表
use coal trading;
drop table if exists ct userrole;
                                        */
/* Table: ct userrole
create table ct_userrole
             bigint(20) not null comment '角色ID',
 id
              varchar(20) comment '角色标记',
 mark
               varchar(20) comment '角色名',
 name
              varchar(10) comment '角色类型',
 type
 primary key (id)
engine = InnoDB;
alter table ct userrole comment '1. 几种管理员:
  a. 资讯编辑员
  b. 资讯审核员
1. 几种管理员:
```

- b. 资讯编辑员
- c. 资讯审核员
- d. 资讯维护员
- e. 注册用户审核员
- f. 交易审核员
- 2. 交易用户[供应商,采购商]
- 3. 财务用户

*/

INSERT INTO ct_userrole('id', 'name', 'mark', 'type') VALUES

- (1, "超级管理员", "SUPER ADMIN", "admin"),
- (2, "资讯编辑员", "NEWS_EDITOR", "admin"),
- (3, "资讯审核员", "NEWS_AUDITOR", "admin"),
- (4, "资讯维护员", "NEWS_MANAGER", "admin"),
- (5, "注册用户审核员", "USER REG AUDITOR", "admin"),
- (6, "交易审核员", "TRADE AUDITOR", "admin"),
- (7, "供应商", "USER_SALE", "user"),
- (8, "采购商", "USER BUY", "user"),
- (9, "财务用户", "USER_MONEY", "user");

5.2.1.14.7 List of diagrams containing the table 角色表

Name	Code	
国煤交易系统	pdp	

5.2.1.14.8 List of incoming references of the table 角色表

Name	Code
RP_REF_ROLE	RP_REF_ROLE
UR_REF_ROLE	UR_REF_ROLE

<u>5.2.1.14.9 List of all dependencies of the table 角色表</u>

Name	Code	Class Name
RP_REF_ROLE	RP_REF_ROLE	Reference
UR_REF_ROLE	UR_REF_ROLE	Reference

5.2.1.14.10 List of extended attributes of the table 角色表

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.7

5.2.1.14.11 List of columns of the table 角色表

Name	Code
角色ID	id
角色标记	mark
角色名	name
角色类型	type

5.2.1.14.12 Column 角色ID of the table 角色表

Name	角色ID
Code	id
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.14.12.2 Check constraint name of the column 角色ID of the table 角色表</u>

 CK_id

<u>5.2.1.14.12.3 Check of the column 角色ID of the table 角色表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.14.12.4 Server validation rule of the column 角色ID of the table 角色表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.14.12.5 List of all dependencies of the table column 角色ID

Name	Code	Class Name
Key_1	Key_1	Key
角色ID	id	Index Column
?	?	Reference Join
?	?	Reference Join

5.2.1.14.12.6 List of extended attributes of the table column 角色ID

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.14.13 Column 角色标记 of the table 角色表</u>

5.2.1.14.13.1 Card of the column 角色标记 of the table 角色表

Name	角色标记
Code	mark
Data Type	varchar(20)
Mandatory	No

<u>5.2.1.14.13.2 Check constraint name of the column 角色标记 of the table 角色表</u>

CK_mark

<u>5.2.1.14.13.3 Check of the column 角色标记 of the table 角色表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	

Format	
Cannot Modify	No
List Of Values	

5.2.1.14.13.4 Server validation rule of the column 角色标记 of the table 角色表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.14.13.5 List of extended attributes of the table column 角色标记

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.14.14 Column 角色名 of the table 角色表

5.2.1.14.14.1 Card of the column 角色名 of the table 角色表

Name	角色名
Code	name
Data Type	varchar(20)
Mandatory	No

<u>5.2.1.14.14.2 Check constraint name of the column 角色名 of the table 角色表</u>

CK_name

<u>5.2.1.14.14.3 Check of the column 角色名 of the table 角色表</u>

	-
Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.14.14.4 Server validation rule of the column 角色名 of the table 角色表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.14.14.5 List of extended attributes of the table column 角色名

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.14.15 Column 角色类型 of the table 角色表

<u>5.2.1.14.15.1 Card of the column 角色类型 of the table 角色表</u>

Name	角色类型
Code	type
Data Type	varchar(10)

Mandatory No	
--------------	--

5.2.1.14.15.2 Check constraint name of the column 角色类型 of the table 角色表

CK_type

5.2.1.14.15.3 Check of the column 角色类型 of the table 角色表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.14.15.4 Server validation rule of the column 角色类型 of the table 角色表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.14.15.5 List of extended attributes of the table column 角色类型

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.14.16 List of keys of the table 角色表

Name	Code	Primary
Key_1	Key_1	X

<u>5.2.1.14.17 Key Key_1 of the table 角色表</u>

5.2.1.14.17.1 Card of the key Key 1 of the table 角色表

Name	Key_1
Code	Key_1
Table	角色表

<u>5.2.1.14.17.2 Code preview of the key Key_1 of the table 角色表</u>

use coal_trading;

alter table ct_userrole
drop primary key;

5.2.1.14.17.3 List of columns of the table key Key_1

Name	Code
角色ID	id

5.2.1.14.17.4 List of all dependencies of the table key Key_1

Name	Code	Class Name
RP_REF_ROLE	RP_REF_ROLE	Reference
UR REF ROLE	UR REF ROLE	Reference

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.7

<u>5.2.1.14.18 List of indexes of the table 角色表</u>

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
Index_role_id	Index_role_id					

<u>5.2.1.14.19 Index Index_role_id of the table 角色表</u>

<u>5.2.1.14.19.1 Card of the index Index_role_id of the table 角色表</u>

Name	Index_role_id
Code	Index_role_id
Unique	No
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	角色表

<u>5.2.1.14.19.2 Code preview of the index Index_role_id of the table 角色表</u>

5.2.1.14.19.3 List of index columns of the table index Index_role_id

Name	Code	Sort
角色ID	id	Ascending

5.2.1.14.19.4 List of extended attributes of the table index Index_role_id

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.15 Table 订单表</u>

<u>5.2.1.15.1 Card of table 订单表</u>

Name	订单表
Code	ct_order
DBMS	MySQL 5.7

<u>5.2.1.15.2 Check constraint name of the table 订单表</u>

TK_ct_order

<u>5.2.1.15.3 Server validation rule of the table 订单表</u>

%RULES%

5.2.1.15.4 Options of the table 订单表

engine = InnoDB

5.2.1.15.5 Code preview of the table 订单表

```
use coal trading;
drop table if exists ct order;
/* Table: ct order
create table ct order
 id
              bigint(20) not null auto increment comment '订单ID',
                varchar(30) not null comment '订单号',
 num
                bigint(20) comment '需求ID',
 req_id
                 bigint(20) comment '用户ID',
 user_id
                   datetime comment '创建时间',
 created_time
                enum('1','2','3','4') not null comment '订单状态:
 status
       1. 进行中
       2. 超时
       3. 完成
       4. 取消'.
 primary key (id)
engine = InnoDB;
                                               */
/* Index: Index user id
create index Index_user_id on ct_order
 user_id
);
/* Index: Index req id
create index Index_req_id on ct_order
 req_id
/* Index: Index_order_id
                                                */
create unique index Index_order_id on ct_order
 id
);
/* Index: Index order num
create unique index Index order num on ct order
 num
alter table ct_order add constraint FK_ORDER_REF_REQ foreign key (req_id)
   references ct_request (id) on delete restrict on update restrict;
```

alter table ct_order add constraint FK_ORDER_REF_USER foreign key (user_id) references ct_users (id) on delete restrict on update restrict;

<u>5.2.1.15.6 List of diagrams containing the table 订单表</u>

Name	Code
国煤交易系统	pdp

<u>5.2.1.15.7 List of outgoing references of the table 订单表</u>

Name	Code	Foreign Key Columns
ORDER_REF_REQ	ORDER_REF_REQ	需求ID
ORDER_REF_USER	ORDER_REF_USER	用户ID

<u>5.2.1.15.8 List of all dependencies of the table 订单表</u>

Name	Code	Class Name
ORDER_REF_REQ	ORDER_REF_REQ	Reference
ORDER_REF_USER	ORDER_REF_USER	Reference

5.2.1.15.9 List of extended attributes of the table 订单表

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.7

5.2.1.15.10 List of columns of the table 订单表

Name	Code
订单ID	id
订单号	num
需求ID	req_id
用户ID	user_id
创建时间	created_time
订单状态	status

<u>5.2.1.15.11 Column 订单ID of the table 订单表</u>

5.2.1.15.11.1 Card of the column 订单ID of the table 订单表

Name	订单ID
Code	id
Data Type	bigint(20)
Mandatory	Yes

<u>5.2.1.15.11.2 Check constraint name of the column 订单ID of the table 订单表</u>

 CK_id

5.2.1.15.11.3 Check of the column 订单ID of the table 订单表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.15.11.4 Server validation rule of the column 订单ID of the table 订单表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.15.11.5 List of all dependencies of the table column 订单ID

Name	Code	Class Name
Key_1	Key_1	Key
订单ID	id	Index Column

5.2.1.15.11.6 List of extended attributes of the table column 订单ID

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.15.12 Column 订单号 of the table 订单表</u>

5.2.1.15.12.1 Card of the column 订单号 of the table 订单表

Name	订单号
Code	num
Data Type	varchar(30)
Mandatory	Yes

<u>5.2.1.15.12.2 Check constraint name of the column 订单号 of the table 订单表</u>

CK num

5.2.1.15.12.3 Check of the column 订单号 of the table 订单表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.15.12.4 Server validation rule of the column 订单号 of the table 订单表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.15.12.5 List of all dependencies of the table column 订单号</u>

Name	Code	Class Name
订单号	num	Index Column

<u>5.2.1.15.12.6 List of extended attributes of the table column 订单号</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.15.13 Column 需求ID of the table 订单表

Name	需求ID
Code	req_id
Data Type	bigint(20)
Mandatory	No

5.2.1.15.13.2 Check constraint name of the column 需求ID of the table 订单表

CK_req_id

<u>5.2.1.15.13.3 Check of the column 需求ID of the table 订单表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.15.13.4 Server validation rule of the column 需求ID of the table 订单表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.15.13.5 List of all dependencies of the table column 需求ID

Name	Code	Class Name
需求ID	req_id	Index Column
?	?	Reference Join

<u>5.2.1.15.13.6 List of extended attributes of the table column 需求ID</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.15.14 Column 用户ID of the table 订单表</u>

<u>5.2.1.15.14.1 Card of the column 用户ID of the table 订单表</u>

Name	用户ID
Code	user_id
Data Type	bigint(20)
Mandatory	No

<u>5.2.1.15.14.2 Check constraint name of the column 用户ID of the table 订单表</u>

CK_user_id

<u>5.2.1.15.14.3 Check of the column 用户ID of the table 订单表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No

Physical Data Model 国煤交易系统

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5.2.1.15.14.4 Server validation rule of the column 用户ID of the table 订单表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.15.14.5 List of all dependencies of the table column 用户ID</u>

Name	Code	Class Name
用户ID	user_id	Index Column
?	?	Reference Join

<u>5.2.1.15.14.6 List of extended attributes of the table column 用户ID</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.15.15 Column 创建时间 of the table 订单表

<u>5.2.1.15.15.1 Card of the column 创建时间 of the table 订单表</u>

Name	创建时间
Code	created_time
Data Type	datetime
Mandatory	No

<u>5.2.1.15.15.2 Check constraint name of the column 创建时间 of the table 订单表</u>

CK created time

5.2.1.15.15.3 Check of the column 创建时间 of the table 订单表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.15.15.4 Server validation rule of the column 创建时间 of the table 订单表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.15.15.5 List of extended attributes of the table column 创建时间

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.15.16 Column 订单状态 of the table 订单表

Name	订单状态
Code	status
Data Type	enum('1','2','3','4')
Mandatory	Yes

<u>5.2.1.15.16.2 Check constraint name of the column 订单状态 of the table 订单表</u>

 CK_status

<u>5.2.1.15.16.3 Check of the column 订单状态 of the table 订单表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.15.16.4 Server validation rule of the column 订单状态 of the table 订单表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.15.16.5 List of extended attributes of the table column 订单状态

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.15.17 List of keys of the table 订单表</u>

Name	Code	Primary
Key_1	Key_1	X

<u>5.2.1.15.18 Key Key 1 of the table 订单表</u>

<u>5.2.1.15.18.1 Card of the key Key_1 of the table 订单表</u>

Name	Key_1
Code	Key_1
Table	订单表

<u>5.2.1.15.18.2 Code preview of the key Key_1 of the table 订单表</u>

use coal_trading;

alter table ct_order
drop primary key;

5.2.1.15.18.3 List of columns of the table key Key_1

Name	Code
订单ID	id

5.2.1.15.18.4 List of extended attributes of the table key Key_1

Name Data T	pe Value	Target Name
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Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.7

5.2.1.15.19 List of indexes of the table 订单表

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
Index_user_id	Index_user_id					
Index_req_id	Index_req_id					
Index_order_id	Index_order_id	X				
Index_order_num	Index_order_num	X				

5.2.1.15.20 Index Index_user_id of the table 订单表

5.2.1.15.20.1 Card of the index Index_user_id of the table 订单表

Name	Index_user_id
Code	Index_user_id
Unique	No
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	订单表

<u>5.2.1.15.20.2 Code preview of the index Index_user_id of the table 订单表</u>

5.2.1.15.20.3 List of index columns of the table index Index user id

Name	Code	Sort
用户ID	user_id	Ascending

5.2.1.15.20.4 List of extended attributes of the table index Index_user_id

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.15.21 Index Index_req_id of the table 订单表</u>

5.2.1.15.21.1 Card of the index Index_req_id of the table 订单表

Name	Index_req_id
Code	Index_req_id
Unique	No
Cluster	No
Primary	No

Foreign Key	No
Alternate Key	No
Table	订单表

<u>5.2.1.15.21.2 Code preview of the index Index reg id of the table 订单表</u>

5.2.1.15.21.3 List of index columns of the table index Index_req_id

Name	Code	Sort
需求ID	req_id	Ascending

5.2.1.15.21.4 List of extended attributes of the table index Index_req_id

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.15.22 Index Index_order_id of the table 订单表</u>

<u>5.2.1.15.22.1 Card of the index Index_order_id of the table 订单表</u>

Name	Index_order_id
Code	Index_order_id
Unique	Yes
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	订单表

<u>5.2.1.15.22.2 Code preview of the index Index_order_id of the table 订单表</u>

5.2.1.15.22.3 List of index columns of the table index Index_order_id

Name	Code	Sort
订单ID	id	Ascending

5.2.1.15.22.4 List of extended attributes of the table index Index_order_id

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.15.23 Index Index_order_num of the table 订单表</u>

5.2.1.15.23.1 Card of the index Index_order_num of the table 订单表

Name	Index_order_num
Code	Index_order_num
Unique	Yes
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	订单表

5.2.1.15.23.2 Code preview of the index Index_order_num of the table 订单表

5.2.1.15.23.3 List of index columns of the table index Index_order_num

Name	Code	Sort
订单号	num	Ascending

5.2.1.15.23.4 List of extended attributes of the table index Index_order_num

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

5.2.1.16 Table 资金变动记录表

5.2.1.16.1 Card of table 资金变动记录表

Name	资金变动记录表
Code	ct_finance_log
DBMS	MySQL 5.7

<u>5.2.1.16.2 Check constraint name of the table 资金变动记录表</u>

TK_ct_finance_log

5.2.1.16.3 Server validation rule of the table 资金变动记录表

%RULES%

5.2.1.16.4 Options of the table 资金变动记录表

engine = InnoDB

5.2.1.16.5 Code preview of the table 资金变动记录表

use coal trading; drop table if exists ct finance log; */ /* Table: ct_finance_log create table ct finance log user id bigint(20) not null comment '用户ID', datetime default CURRENT_TIMESTAMP comment '变动时间', date enum('1','2','3') comment '变动操作: log_type 1. 预存(增加) 2. 缴纳给平台(冻结) 3. 平台扣除指定额度的冻结款项(减少) decimal(10,2) comment '金额数量', quantity varchar(255) comment '交易凭证(文件)', cert primary key (user_id) engine = InnoDB; /* Index: Index user id create index Index_user_id on ct_finance_log user id); /* Index: Index_log_type create index Index_log_type on ct_finance_log log_type);

alter table ct_finance_log add constraint FK_FL_REF_USER foreign key (user_id) references ct_users (id) on delete restrict on update restrict;

5.2.1.16.6 List of diagrams containing the table 资金变动记录表

Name	Code
国煤交易系统	pdp

<u>5.2.1.16.7 List of outgoing references of the table 资金变动记录表</u>

Name	Code	Foreign Key Columns
FL_REF_USER	FL_REF_USER	用户ID

5.2.1.16.8 List of all dependencies of the table 资金变动记录表

Name	Code	Class Name
FL_REF_USER	FL_REF_USER	Reference

5.2.1.16.9 List of extended attributes of the table 资金变动记录表

Name	Data Type	Value	Target Name
Temporary	(Boolean)	false	MySQL 5.7

5.2.1.16.10 List of columns of the table 资金变动记录表

Name	Code
用户ID	user_id
变动时间	date
变动操作	log_type
金额数量	quantity
交易凭证 (文件)	cert

<u>5.2.1.16.11 Column 用户ID of the table 资金变动记录表</u>

5.2.1.16.11.1 Card of the column 用户ID of the table 资金变动记录表

Name	用户ID
Code	user_id
Data Type	bigint(20)
Mandatory	Yes

5.2.1.16.11.2 Check constraint name of the column 用户ID of the table 资金变动记录表

CK user id

5.2.1.16.11.3 Check of the column 用户ID of the table 资金变动记录表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.16.11.4 Server validation rule of the column 用户ID of the table 资金变动记录表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.16.11.5 List of all dependencies of the table column 用户ID</u>

Name	Code	Class Name
Key_1	Key_1	Key
用户ID	user_id	Index Column
?	?	Reference Join

<u>5.2.1.16.11.6 List of extended attributes of the table column 用户ID</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.16.12 Column 变动时间 of the table 资金变动记录表</u>

5.2.1.16.12.1 Card of the column 变动时间 of the table 资金变动记录表

Name	变动时间
Code	date

Data Type	datetime
Mandatory	No

5.2.1.16.12.2 Check constraint name of the column 变动时间 of the table 资金变动记录表

CK_date

5.2.1.16.12.3 Check of the column 变动时间 of the table 资金变动记录表

Minimum Value	
Maximum Value	
Default Value	CURRENT_TIMESTAMP
Unit	
Format	
Cannot Modify	No
List Of Values	

5.2.1.16.12.4 Server validation rule of the column 变动时间 of the table 资金变动记录表

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.16.12.5 List of extended attributes of the table column 变动时间

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.16.13 Column 变动操作 of the table 资金变动记录表

5.2.1.16.13.1 Card of the column 变动操作 of the table 资金变动记录表

Name	变动操作
Code	log_type
Data Type	enum('1','2','3')
Mandatory	No

5.2.1.16.13.2 Check constraint name of the column 变动操作 of the table 资金变动记录表

CK_log_type

5.2.1.16.13.3 Check of the column 变动操作 of the table 资金变动记录表

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.16.13.4 Server validation rule of the column 变动操作 of the table 资金变动记录表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.16.13.5 List of all dependencies of the table column 变动操作

Name	Code	Class Name
变动操作	log_type	Index Column

5.2.1.16.13.6 List of extended attributes of the table column 变动操作

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

5.2.1.16.14 Column 金额数量 of the table 资金变动记录表

<u>5.2.1.16.14.1 Card of the column 金额数量 of the table 资金变动记录表</u>

Name	金额数量
Code	quantity
Data Type	decimal(10,2)
Mandatory	No

5.2.1.16.14.2 Check constraint name of the column 金额数量 of the table 资金变动记录表

CK quantity

<u>5.2.1.16.14.3 Check of the column 金额数量 of the table 资金变动记录表</u>

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.16.14.4 Server validation rule of the column 金额数量 of the table 资金变动记录表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

5.2.1.16.14.5 List of extended attributes of the table column 金额数量

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.16.15 Column 交易凭证(文件) of the table 资金变动记录表</u>

<u>5.2.1.16.15.1 Card of the column 交易凭证(文件) of the table 资金变动记录表</u>

Name	交易凭证(文件)
Code	cert
Data Type	varchar(255)
Mandatory	No

5.2.1.16.15.2 Check constraint name of the column 交易凭证(文件) of the table 资金变动记录表

CK_cert

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

<u>5.2.1.16.15.4 Server validation rule of the column 交易凭证(文件) of the table 资金变动记录表</u>

%MINMAX% and %LISTVAL% and %CASE% and %RULES%

<u>5.2.1.16.15.5 List of extended attributes of the table column 交易凭证(文件)</u>

Name	Data Type	Value	Target Name
CharSet	CharSets		MySQL 5.7
Collate	(String)		MySQL 5.7
National	(Boolean)	false	MySQL 5.7
Unsigned	(Boolean)	false	MySQL 5.7
ZeroFill	(Boolean)	false	MySQL 5.7

<u>5.2.1.16.16 List of keys of the table 资金变动记录表</u>

Name	Code	Primary
Key_1	Key_1	X

<u>5.2.1.16.17 Key Key_1 of the table 资金变动记录表</u>

<u>5.2.1.16.17.1 Card of the key Key_1 of the table 资金变动记录表</u>

Name	Key_1
Code	Key_1
Table	资金变动记录表

<u>5.2.1.16.17.2 Code preview of the key Key_1 of the table 资金变动记录表</u>

use coal_trading;

alter table ct_finance_log drop primary key;

5.2.1.16.17.3 List of columns of the table key Key_1

Name	Code
用户ID	user_id

5.2.1.16.17.4 List of extended attributes of the table key Key 1

Name	Data Type	Value	Target Name
ExtUnique	(Boolean)	false	MySQL 5.7

<u>5.2.1.16.18 List of indexes of the table 资金变动记录表</u>

Name	Code	Unique	Cluster	Primary	Foreign Key	Alternate Key
Index_user_id	Index_user_id					
Index_log_type	Index_log_type					

<u>5.2.1.16.19 Index Index_user_id of the table 资金变动记录表</u>

<u>5.2.1.16.19.1 Card of the index Index_user_id of the table 资金变动记录表</u>

Name	Index_user_id
Code	Index_user_id
Unique	No
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	资金变动记录表

5.2.1.16.19.2 Code preview of the index Index user id of the table 资金变动记录表

5.2.1.16.19.3 List of index columns of the table index Index_user_id

Name	Code	Sort
用户ID	user_id	Ascending

5.2.1.16.19.4 List of extended attributes of the table index Index_user_id

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7

<u>5.2.1.16.20 Index Index_log_type of the table 资金变动记录表</u>

<u>5.2.1.16.20.1 Card of the index Index_log_type of the table 资金变动记录表</u>

Name	Index_log_type
Code	Index_log_type
Unique	No
Cluster	No
Primary	No
Foreign Key	No
Alternate Key	No
Table	资金变动记录表

5.2.1.16.20.2 Code preview of the index Index log type of the table 资金变动记录表

log_type

);

5.2.1.16.20.3 List of index columns of the table index Index_log_type

Name	Code	Sort
变动操作	log_type	Ascending

5.2.1.16.20.4 List of extended attributes of the table index Index_log_type

Name	Data Type	Value	Target Name
FullText	(Boolean)	false	MySQL 5.7