

Report
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1.0.8

国煤交易系统数据库设计

Table of Contents

1 Specifications.....	5
2 Model information.....	6
2.1 Card of model 国煤交易系统.....	6
3 CDM Diagrams.....	7
3.1 Model level diagrams.....	7
3.1.1 Diagram 国煤交易系统.....	7
4 Data Items.....	9
4.1 Model level data items.....	9
4.1.1 List of data items.....	9
4.1.2 Data item 交易凭证（文件）.....	12
4.1.3 Data item 企业介绍.....	12
4.1.4 Data item 企业名称.....	13
4.1.5 Data item 传真.....	13
4.1.6 Data item 信息状态.....	14
4.1.7 Data item 信息状态.....	14
4.1.8 Data item 修改时间.....	15
4.1.9 Data item 值.....	15
4.1.10 Data item 元数据ID.....	16
4.1.11 Data item 内容.....	16
4.1.12 Data item 创建时间.....	17
4.1.13 Data item 创建时间.....	17
4.1.14 Data item 创建时间.....	18
4.1.15 Data item 创建时间.....	18
4.1.16 Data item 单据编号.....	19
4.1.17 Data item 发信人用户名.....	20
4.1.18 Data item 发信时间.....	20
4.1.19 Data item 变动操作.....	21
4.1.20 Data item 变动时间.....	21
4.1.21 Data item 合同文件（路径）.....	22
4.1.22 Data item 审核意见.....	22
4.1.23 Data item 审核意见.....	23
4.1.24 Data item 审核意见.....	23
4.1.25 Data item 审核意见.....	24
4.1.26 Data item 审核意见.....	24
4.1.27 Data item 开户行名称.....	25
4.1.28 Data item 开户许可证（文件）.....	25
4.1.29 Data item 报价冻结金额.....	26
4.1.30 Data item 挂牌保证金.....	26
4.1.31 Data item 提交时间.....	27
4.1.32 Data item 摘牌ID.....	28
4.1.33 Data item 摘牌保证金数额.....	28
4.1.34 Data item 摘牌时间.....	29
4.1.35 Data item 摘牌状态.....	29
4.1.36 Data item 摘牌用户ID.....	30
4.1.37 Data item 摘牌类型.....	30
4.1.38 Data item 收信人用户名.....	31
4.1.39 Data item 新闻ID.....	31

4.1.40 Data item 新闻ID.....	32
4.1.41 Data item 新闻标题.....	32
4.1.42 Data item 是否已读.....	33
4.1.43 Data item 权限ID.....	33
4.1.44 Data item 权限名.....	34
4.1.45 Data item 汇款单位名称.....	35
4.1.46 Data item 法人代表.....	35
4.1.47 Data item 法人身份证号.....	36
4.1.48 Data item 法人身份证（文件）.....	36
4.1.49 Data item 注册地区.....	37
4.1.50 Data item 注册资金（万元）.....	37
4.1.51 Data item 消息类型.....	38
4.1.52 Data item 煤源存放地点[供应商].....	38
4.1.53 Data item 煤源数量[供应商].....	39
4.1.54 Data item 煤源质量[供应商].....	39
4.1.55 Data item 煤炭经营许可证（文件）[供应商].....	40
4.1.56 Data item 状态.....	40
4.1.57 Data item 用户ID.....	41
4.1.58 Data item 用户密码.....	41
4.1.59 Data item 用户昵称.....	42
4.1.60 Data item 用户状态.....	43
4.1.61 Data item 用户邮箱.....	43
4.1.62 Data item 申请单位.....	44
4.1.63 Data item 登录名.....	44
4.1.64 Data item 税务登记证代码.....	45
4.1.65 Data item 税务登记证（文件）.....	45
4.1.66 Data item 站内信内容.....	46
4.1.67 Data item 站内信标题.....	46
4.1.68 Data item 组织机构代码.....	47
4.1.69 Data item 组织机构代码证（文件）.....	47
4.1.70 Data item 经营许可证编号.....	48
4.1.71 Data item 结束时间.....	48
4.1.72 Data item 联系电话.....	49
4.1.73 Data item 营业执照号.....	49
4.1.74 Data item 营业执照（文件）.....	50
4.1.75 Data item 角色ID.....	50
4.1.76 Data item 角色名.....	51
4.1.77 Data item 角色标记.....	52
4.1.78 Data item 角色类型.....	52
4.1.79 Data item 订单ID.....	53
4.1.80 Data item 订单号.....	53
4.1.81 Data item 订单状态.....	54
4.1.82 Data item 账户金额.....	54
4.1.83 Data item 运输方式及保障能力[供应商].....	55
4.1.84 Data item 邮政编码.....	55
4.1.85 Data item 金额数量.....	56
4.1.86 Data item 金额数量.....	56
4.1.87 Data item 银行账号.....	57
4.1.88 Data item 键.....	57

Conceptual Data Model	国煤交易系统
4.1.89 Data item 需求ID.....	58
4.1.90 Data item 需求ID.....	58
4.1.91 Data item 需求信息(JSON).....	59
4.1.92 Data item 需求状态.....	60
4.1.93 Data item 需求类型.....	60
4.1.94 Data item 预存ID.....	61
4.1.95 Data item 预存状态.....	61
5 Entities.....	63
5.1 Model level entities.....	63
5.1.1 List of entities.....	63
5.1.2 List of entity identifiers.....	63
5.1.3 Entity 企业基本信息表.....	63
5.1.4 Entity 企业财务账户表.....	74
5.1.5 Entity 挂牌需求表.....	78
5.1.6 Entity 摘牌表.....	83
5.1.7 Entity 新闻资讯表.....	87
5.1.8 Entity 权限表.....	90
5.1.9 Entity 用户表.....	92
5.1.10 Entity 用户附加信息表.....	96
5.1.11 Entity 网站消息.....	98
5.1.12 Entity 角色表.....	103
5.1.13 Entity 订单表.....	105
5.1.14 Entity 资金变动记录表.....	107
5.1.15 Entity 资金预存表.....	109
6 Relationship.....	113
6.1 Model level relationships.....	113
6.1.1 List of relationships.....	113
6.1.2 Relationship CU_REF_USER.....	114
6.1.3 Relationship FL_REF_USER.....	114
6.1.4 Relationship FU_REF_USER_1.....	114
6.1.5 Relationship FU_REF_USER_2.....	114
6.1.6 Relationship NEWS_REF_USER_1.....	115
6.1.7 Relationship NEWS_REF_USER_2.....	115
6.1.8 Relationship ORDER_REF_REQ.....	115
6.1.9 Relationship ORDER_REF_USER.....	116
6.1.10 Relationship REQ_REF_USER.....	116
6.1.11 Relationship REQ_REF_USER_2.....	116
6.1.12 Relationship RZ_REF_ZP.....	116
6.1.13 Relationship UF_REF_USER.....	117
6.1.14 Relationship UM_REF_USER.....	117
6.1.15 Relationship UM_REF_USER_1.....	117
6.1.16 Relationship UM_REF_USER_2.....	118
6.1.17 Relationship 用户角色关联表.....	118
6.1.18 Relationship 角色权限关联表.....	118

**1 Specifications**

Include specifications here....

**2 Model information**

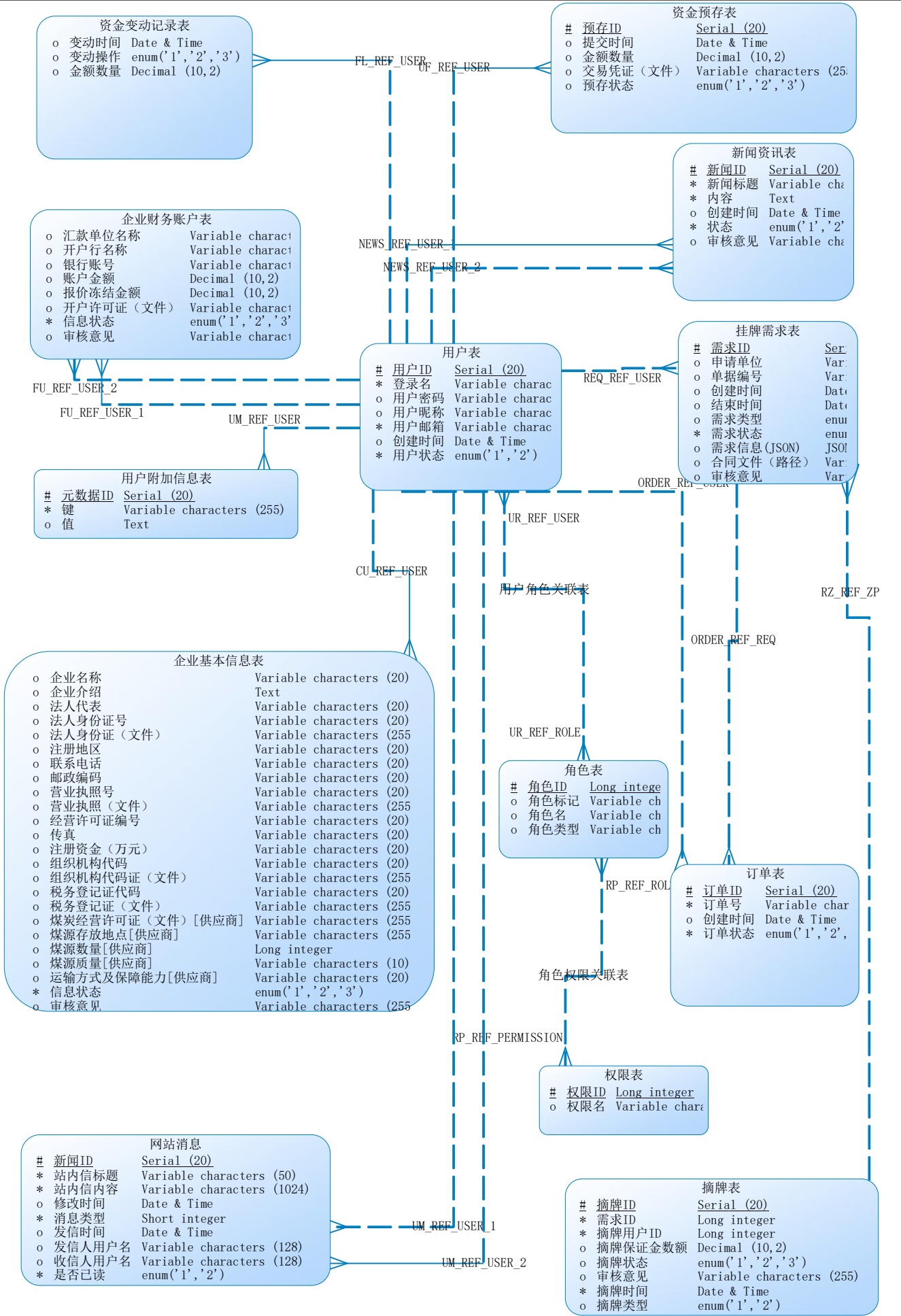
**2.1 Card of model 国煤交易系统**

<i>Name</i>	国煤交易系统
<i>Code</i>	coal_trading
<i>Comment</i>	国煤交易系统数据库设计

### **3 CDM Diagrams**

#### **3.1 Model level diagrams**

##### **3.1.1 Diagram 国煤交易系统**





## 4 Data Items

### 4.1 Model level data items

#### 4.1.1 List of data items

<i>Name</i>	<i>Code</i>	<i>Domain</i>	<i>Data Type</i>	<i>Length</i>	<i>Precision</i>
交易凭证（文件）	cert		Variable characters (255)	255	
企业介绍	com_intro		Text		
企业名称	com_name		Variable characters (20)	20	
传真	fax		Variable characters (20)	20	
信息状态	status		enum('1','2','3')		
信息状态	status		enum('1','2','3')		
修改时间	modified		Date & Time		
值	mvalue		Text		
元数据ID	id		Serial (20)	20	
内容	content		Text		
创建时间	created_time		Date & Time		
创建时间	registered		Date & Time		
创建时间	created_time		Date & Time		
创建时间	date		Date & Time		
单据编号	request_num		Variable characters (100)	100	
发信人用户名	from_username		Variable characters (128)	128	
发信时间	created		Date & Time		
变动操作	type		enum('1','2','3')		
变动时间	date		Date & Time		
合同文件（路径）	contract_file		Variable characters (255)	255	
审核意见	audit_opinion		Variable characters (255)	255	
审核意见	audit_opinion		Variable characters (255)	255	
审核意见	audit_opinion		Variable characters (255)	255	
审核意见	opinion		Variable characters (255)	255	
审核意见	opinion		Variable characters (255)	255	
开户行名称	bank_name		Variable characters (20)	20	
开户许可证（文件）	ao_permit_file		Variable characters (255)	255	
报价冻结金额	freeze		Decimal (10,2)	10	2
挂牌保证金	deposit		Decimal (10,2)	10	2
提交时间	date		Date & Time		
摘牌ID	id		Serial (20)	20	

<i>Name</i>	<i>Code</i>	<i>Domain</i>	<i>Data Type</i>	<i>Length</i>	<i>Precision</i>
摘牌保证金数额	deposit		Decimal (10,2)	10	2
摘牌时间	created_time		Date & Time		
摘牌状态	status		enum('1','2','3')		
摘牌用户ID	user_id		Long integer		
摘牌类型	type		enum('1','2')		
收信人用户名	to_username		Variable characters (128)	128	
新闻ID	id		Serial (20)	20	
新闻ID	id		Serial (20)	20	
新闻标题	title		Variable characters (20)	20	
是否已读	read_status		enum('1','2')		
权限ID	id		Long integer		
权限名	name		Variable characters (15)	15	
汇款单位名称	com_name		Variable characters (20)	20	
法人代表	legal_name		Variable characters (20)	20	
法人身份证号	legal_id		Variable characters (20)	20	
法人身份证（文件）	legal_id_file		Variable characters (255)	255	
注册地区	com_addr		Variable characters (20)	20	
注册资金（万元）	registered_capital		Variable characters (20)	20	
消息类型	msg_type		Short integer		
煤源存放地点[供应商]	coal_store_site		Variable characters (255)	255	
煤源数量[供应商]	coal_quantity		Long integer		
煤源质量[供应商]	coal_quality		Variable characters (10)	10	
煤炭经营许可证（文件）[供应商]	manage_license_file		Variable characters (255)	255	
状态	status		enum('1','2','3','4','5')		
用户ID	id		Serial (20)	20	
用户密码	pass		Variable characters (100)	100	
用户昵称	nick		Variable characters (20)	20	
用户状态	status		enum('1','2')		
用户邮箱	email		Variable characters (50)	50	
申请单位	request_company		Variable characters (100)	100	
登录名	login		Variable characters (20)	20	
税务登记证代码	tr_cert		Variable characters (20)	20	

<i>Name</i>	<i>Code</i>	<i>Domain</i>	<i>Data Type</i>	<i>Length</i>	<i>Precision</i>
税务登记证（文件）	tr_cert_file		Variable characters (255)	255	
站内信内容	content		Variable characters (1024)	1,024	
站内信标题	title		Variable characters (50)	50	
组织机构代码	oib_code		Variable characters (20)	20	
组织机构代码证（文件）	oib_code_file		Variable characters (255)	255	
经营许可证编号	manage_license_id		Variable characters (20)	20	
结束时间	ended_time		Date & Time		
联系电话	com_contact		Variable characters (20)	20	
营业执照号	business_license_id		Variable characters (20)	20	
营业执照（文件）	business_license_file		Variable characters (255)	255	
角色ID	id		Long integer		
角色名	name		Variable characters (20)	20	
角色标记	mark		Variable characters (20)	20	
角色类型	type		Variable characters (10)	10	
订单ID	id		Serial (20)	20	
订单号	num		Variable characters (30)	30	
订单状态	status		enum('1','2','3','4')		
账户金额	balance		Decimal (10,2)	10	2
运输方式及保障能力[供应商]	coal_transport		Variable characters (20)	20	
邮政编码	com_zip		Variable characters (20)	20	
金额数量	quantity		Decimal (10,2)	10	2
金额数量	quantity		Decimal (10,2)	10	2
银行账号	bank_acc		Variable characters (19)	19	
键	mkey		Variable characters (255)	255	
需求ID	id		Serial (20)	20	
需求ID	req_id		Long integer		
需求信息(JSON)	detail		JSON		
需求状态	status		enum('1','2','3','4','6','7','8','9','10','11','12','15')		
需求类型	type		enum('1','2')		
预存ID	id		Serial (20)	20	
预存状态	status		enum('1','2','3')		

**4.1.2 Data item 交易凭证（文件）****4.1.2.1 Card of data item 交易凭证（文件）**

<i>Name</i>	交易凭证（文件）
<i>Code</i>	cert
<i>Comment</i>	交易凭证（文件）
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (255)
<i>Length</i>	255
<i>Precision</i>	

**4.1.2.2 Standard checks of data item 交易凭证（文件）**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.2.3 Server validation rule of the data item 交易凭证（文件）**

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

**4.1.2.4 List of all dependencies of the data item 交易凭证（文件）**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
交易凭证（文件）	cert	Entity Attribute

**4.1.3 Data item 企业介绍****4.1.3.1 Card of data item 企业介绍**

<i>Name</i>	企业介绍
<i>Code</i>	com_intro
<i>Comment</i>	企业介绍
<i>Domain</i>	<None>
<i>Data Type</i>	Text
<i>Length</i>	
<i>Precision</i>	

**4.1.3.2 Standard checks of data item 企业介绍**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.3.3 Server validation rule of the data item 企业介绍**

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

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
企业介绍	com_intro	Entity Attribute

4.1.4 Data item 企业名称

4.1.4.1 Card of data item 企业名称

<i>Name</i>	企业名称
<i>Code</i>	com_name
<i>Comment</i>	企业名称
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

4.1.4.2 Standard checks of data item 企业名称

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

4.1.4.3 Server validation rule of the data item 企业名称

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

4.1.4.4 List of all dependencies of the data item 企业名称

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
企业名称	com_name	Entity Attribute

4.1.5 Data item 传真

4.1.5.1 Card of data item 传真

<i>Name</i>	传真
<i>Code</i>	fax
<i>Comment</i>	传真
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

4.1.5.2 Standard checks of data item 传真

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

4.1.5.3 Server validation rule of the data item 传真

4.1.5.4 List of all dependencies of the data item 传真

Name	Code	Class Name
传真	fax	Entity Attribute

4.1.6 Data item 信息状态

4.1.6.1 Card of data item 信息状态

Name	信息状态
Code	status
Comment	信息状态 1. 不可用 2. 审核阶段 3. 可用
Domain	<None>
Data Type	enum('1','2','3')
Length	
Precision	

4.1.6.2 Standard checks of data item 信息状态

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

4.1.6.3 Server validation rule of the data item 信息状态

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

4.1.6.4 List of all dependencies of the data item 信息状态

Name	Code	Class Name
信息状态	status	Entity Attribute

4.1.7 Data item 信息状态

4.1.7.1 Card of data item 信息状态

Name	信息状态
Code	status
Comment	信息状态 1. 不可用 2. 审核阶段 3. 可用
Domain	<None>
Data Type	enum('1','2','3')
Length	
Precision	

4.1.7.2 Standard checks of data item 信息状态

Minimum Value	
Maximum Value	

<i>Default Value</i>	1
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.7.3 Server validation rule of the data item 信息状态**

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

**4.1.7.4 List of all dependencies of the data item 信息状态**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
信息状态	status	Entity Attribute

**4.1.8 Data item 修改时间****4.1.8.1 Card of data item 修改时间**

<i>Name</i>	修改时间
<i>Code</i>	modified
<i>Comment</i>	修改时间
<i>Domain</i>	<None>
<i>Data Type</i>	Date & Time
<i>Length</i>	
<i>Precision</i>	

**4.1.8.2 Standard checks of data item 修改时间**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.8.3 Server validation rule of the data item 修改时间**

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

**4.1.8.4 List of all dependencies of the data item 修改时间**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
修改时间	modified	Entity Attribute

**4.1.9 Data item 值****4.1.9.1 Card of data item 值**

<i>Name</i>	值
<i>Code</i>	mvalue
<i>Comment</i>	值
<i>Domain</i>	<None>
<i>Data Type</i>	Text
<i>Length</i>	
<i>Precision</i>	

**4.1.9.2 Standard checks of data item 值**

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

**4.1.9.3 Server validation rule of the data item 值**

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

**4.1.9.4 List of all dependencies of the data item 值**

Name	Code	Class Name
值	mvalue	Entity Attribute

**4.1.10 Data item 元数据ID****4.1.10.1 Card of data item 元数据ID**

Name	元数据ID
Code	id
Comment	元数据ID
Domain	<None>
Data Type	Serial (20)
Length	20
Precision	

**4.1.10.2 Standard checks of data item 元数据ID**

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

**4.1.10.3 Server validation rule of the data item 元数据ID**

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

**4.1.10.4 List of all dependencies of the data item 元数据ID**

Name	Code	Class Name
元数据ID	id	Entity Attribute

**4.1.11 Data item 内容****4.1.11.1 Card of data item 内容**

Name	内容
Code	content
Comment	内容
Domain	<None>



Data Type	Text
Length	
Precision	

4.1.11.2 Standard checks of data item 内容

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

4.1.11.3 Server validation rule of the data item 内容

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

4.1.11.4 List of all dependencies of the data item 内容

Name	Code	Class Name
内容	content	Entity Attribute

4.1.12 Data item 创建时间

4.1.12.1 Card of data item 创建时间

Name	创建时间
Code	created_time
Comment	创建时间
Domain	<None>
Data Type	Date & Time
Length	
Precision	

4.1.12.2 Standard checks of data item 创建时间

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

4.1.12.3 Server validation rule of the data item 创建时间

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

4.1.12.4 List of all dependencies of the data item 创建时间

Name	Code	Class Name
创建时间	created_time	Entity Attribute

4.1.13 Data item 创建时间

4.1.13.1 Card of data item 创建时间

Name	创建时间
------	------

Code	registered
Comment	创建时间
Domain	<None>
Data Type	Date & Time
Length	
Precision	

4.1.13.2 Standard checks of data item 创建时间

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

4.1.13.3 Server validation rule of the data item 创建时间

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

4.1.13.4 List of all dependencies of the data item 创建时间

Name	Code	Class Name
创建时间	registered	Entity Attribute

4.1.14 Data item 创建时间

4.1.14.1 Card of data item 创建时间

Name	创建时间
Code	created_time
Comment	创建时间
Domain	<None>
Data Type	Date & Time
Length	
Precision	

4.1.14.2 Standard checks of data item 创建时间

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

4.1.14.3 Server validation rule of the data item 创建时间

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

4.1.14.4 List of all dependencies of the data item 创建时间

Name	Code	Class Name
创建时间	created_time	Entity Attribute

4.1.15 Data item 创建时间

4.1.15.1 Card of data item 创建时间

Name	创建时间
Code	date
Comment	创建时间
Domain	<None>
Data Type	Date & Time
Length	
Precision	

4.1.15.2 Standard checks of data item 创建时间

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

4.1.15.3 Server validation rule of the data item 创建时间

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

4.1.15.4 List of all dependencies of the data item 创建时间

Name	Code	Class Name
创建时间	date	Entity Attribute

4.1.16 Data item 单据编号

4.1.16.1 Card of data item 单据编号

Name	单据编号
Code	request_num
Comment	单据编号
Domain	<None>
Data Type	Variable characters (100)
Length	100
Precision	

4.1.16.2 Standard checks of data item 单据编号

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

4.1.16.3 Server validation rule of the data item 单据编号

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

4.1.16.4 List of all dependencies of the data item 单据编号

Name	Code	Class Name

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
单据编号	request_num	Entity Attribute

**4.1.17 Data item 发信人用户名****4.1.17.1 Card of data item 发信人用户名**

<i>Name</i>	发信人用户名
<i>Code</i>	from_username
<i>Comment</i>	发信人用户名
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (128)
<i>Length</i>	128
<i>Precision</i>	

**4.1.17.2 Standard checks of data item 发信人用户名**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.17.3 Server validation rule of the data item 发信人用户名**

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

**4.1.17.4 List of all dependencies of the data item 发信人用户名**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
发信人用户名	from_username	Entity Attribute

**4.1.18 Data item 发信时间****4.1.18.1 Card of data item 发信时间**

<i>Name</i>	发信时间
<i>Code</i>	created
<i>Comment</i>	发信时间
<i>Domain</i>	<None>
<i>Data Type</i>	Date & Time
<i>Length</i>	
<i>Precision</i>	

**4.1.18.2 Standard checks of data item 发信时间**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	CURRENT_TIMESTAMP
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.18.3 Server validation rule of the data item 发信时间**

4.1.18.4 List of all dependencies of the data item 发信时间

Name	Code	Class Name
发信时间	created	Entity Attribute

4.1.19 Data item 变动操作

4.1.19.1 Card of data item 变动操作

Name	变动操作
Code	type
Comment	变动操作： 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）
Domain	<None>
Data Type	enum('1','2','3')
Length	
Precision	

4.1.19.2 Standard checks of data item 变动操作

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

4.1.19.3 Server validation rule of the data item 变动操作

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

4.1.19.4 List of all dependencies of the data item 变动操作

Name	Code	Class Name
变动操作	type	Entity Attribute

4.1.20 Data item 变动时间

4.1.20.1 Card of data item 变动时间

Name	变动时间
Code	date
Comment	变动时间
Domain	<None>
Data Type	Date & Time
Length	
Precision	

4.1.20.2 Standard checks of data item 变动时间

Minimum Value	
Maximum Value	
Default Value	CURRENT_TIMESTAMP
Unit	

Format	
Cannot Modify	No
List Of Values	

**4.1.20.3 Server validation rule of the data item 变动时间**  
%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.1.20.4 List of all dependencies of the data item 变动时间**

Name	Code	Class Name
变动时间	date	Entity Attribute

**4.1.21 Data item 合同文件（路径）**

**4.1.21.1 Card of data item 合同文件（路径）**

Name	合同文件（路径）
Code	contract_file
Comment	合同文件（路径）
Domain	<None>
Data Type	Variable characters (255)
Length	255
Precision	

**4.1.21.2 Standard checks of data item 合同文件（路径）**

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

**4.1.21.3 Server validation rule of the data item 合同文件（路径）**  
%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**4.1.21.4 List of all dependencies of the data item 合同文件（路径）**

Name	Code	Class Name
合同文件（路径）	contract_file	Entity Attribute

**4.1.22 Data item 审核意见**

**4.1.22.1 Card of data item 审核意见**

Name	审核意见
Code	audit_opinion
Comment	审核意见
Domain	<None>
Data Type	Variable characters (255)
Length	255
Precision	

**4.1.22.2 Standard checks of data item 审核意见**

Minimum Value	
---------------	--

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

4.1.22.3 Server validation rule of the data item 审核意见

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

4.1.22.4 List of all dependencies of the data item 审核意见

Name	Code	Class Name
审核意见	audit_opinion	Entity Attribute

4.1.23 Data item 审核意见

4.1.23.1 Card of data item 审核意见

Name	审核意见
Code	audit_opinion
Comment	审核意见
Domain	<None>
Data Type	Variable characters (255)
Length	255
Precision	

4.1.23.2 Standard checks of data item 审核意见

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

4.1.23.3 Server validation rule of the data item 审核意见

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

4.1.23.4 List of all dependencies of the data item 审核意见

Name	Code	Class Name
审核意见	audit_opinion	Entity Attribute

4.1.24 Data item 审核意见

4.1.24.1 Card of data item 审核意见

Name	审核意见
Code	audit_opinion
Comment	审核意见
Domain	<None>
Data Type	Variable characters (255)
Length	255
Precision	

**4.1.24.2 Standard checks of data item 审核意见**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.24.3 Server validation rule of the data item 审核意见**

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

**4.1.24.4 List of all dependencies of the data item 审核意见**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
审核意见	audit_opinion	Entity Attribute

**4.1.25 Data item 审核意见****4.1.25.1 Card of data item 审核意见**

<i>Name</i>	审核意见
<i>Code</i>	opinion
<i>Comment</i>	审核意见
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (255)
<i>Length</i>	255
<i>Precision</i>	

**4.1.25.2 Standard checks of data item 审核意见**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.25.3 Server validation rule of the data item 审核意见**

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

**4.1.25.4 List of all dependencies of the data item 审核意见**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
审核意见	opinion	Entity Attribute

**4.1.26 Data item 审核意见****4.1.26.1 Card of data item 审核意见**

<i>Name</i>	审核意见
<i>Code</i>	opinion
<i>Comment</i>	审核意见
<i>Domain</i>	<None>



<i>Data Type</i>	Variable characters (255)
<i>Length</i>	255
<i>Precision</i>	

**4.1.26.2 Standard checks of data item 审核意见**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.26.3 Server validation rule of the data item 审核意见**

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

**4.1.26.4 List of all dependencies of the data item 审核意见**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
审核意见	opinion	Entity Attribute

**4.1.27 Data item 开户行名称****4.1.27.1 Card of data item 开户行名称**

<i>Name</i>	开户行名称
<i>Code</i>	bank_name
<i>Comment</i>	开户行名称
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.27.2 Standard checks of data item 开户行名称**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.27.3 Server validation rule of the data item 开户行名称**

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

**4.1.27.4 List of all dependencies of the data item 开户行名称**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
开户行名称	bank_name	Entity Attribute

**4.1.28 Data item 开户许可证（文件）****4.1.28.1 Card of data item 开户许可证（文件）**

<i>Name</i>	开户许可证（文件）
-------------	-----------

<i>Code</i>	ao_permit_file
<i>Comment</i>	开户许可证（文件）
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (255)
<i>Length</i>	255
<i>Precision</i>	

#### **4.1.28.2 Standard checks of data item 开户许可证（文件）**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.1.28.3 Server validation rule of the data item 开户许可证（文件）**

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

#### **4.1.28.4 List of all dependencies of the data item 开户许可证（文件）**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
开户许可证（文件）	ao_permit_file	Entity Attribute

### **4.1.29 Data item 报价冻结金额**

#### **4.1.29.1 Card of data item 报价冻结金额**

<i>Name</i>	报价冻结金额
<i>Code</i>	freeze
<i>Comment</i>	报价冻结金额
<i>Domain</i>	<None>
<i>Data Type</i>	Decimal (10,2)
<i>Length</i>	10
<i>Precision</i>	2

#### **4.1.29.2 Standard checks of data item 报价冻结金额**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **4.1.29.3 Server validation rule of the data item 报价冻结金额**

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

#### **4.1.29.4 List of all dependencies of the data item 报价冻结金额**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
报价冻结金额	freeze	Entity Attribute

### **4.1.30 Data item 挂牌保证金**

4.1.30.1 Card of data item 挂牌保证金

Name	挂牌保证金
Code	deposit
Comment	挂牌保证金
Domain	<None>
Data Type	Decimal (10,2)
Length	10
Precision	2

4.1.30.2 Standard checks of data item 挂牌保证金

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

4.1.30.3 Server validation rule of the data item 挂牌保证金

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

4.1.30.4 List of all dependencies of the data item 挂牌保证金

Name	Code	Class Name
挂牌保证金	deposit	Entity Attribute

4.1.31 Data item 提交时间

4.1.31.1 Card of data item 提交时间

Name	提交时间
Code	date
Comment	变动时间
Domain	<None>
Data Type	Date & Time
Length	
Precision	

4.1.31.2 Standard checks of data item 提交时间

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

4.1.31.3 Server validation rule of the data item 提交时间

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

4.1.31.4 List of all dependencies of the data item 提交时间

Name	Code	Class Name

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
提交时间	date	Entity Attribute

**4.1.32 Data item 摘牌ID****4.1.32.1 Card of data item 摘牌ID**

<i>Name</i>	摘牌ID
<i>Code</i>	id
<i>Comment</i>	摘牌ID
<i>Domain</i>	<None>
<i>Data Type</i>	Serial (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.32.2 Standard checks of data item 摘牌ID**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.32.3 Server validation rule of the data item 摘牌ID**

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

**4.1.32.4 List of all dependencies of the data item 摘牌ID**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
摘牌ID	id	Entity Attribute

**4.1.33 Data item 摘牌保证金数额****4.1.33.1 Card of data item 摘牌保证金数额**

<i>Name</i>	摘牌保证金数额
<i>Code</i>	deposit
<i>Comment</i>	摘牌保证金数额
<i>Domain</i>	<None>
<i>Data Type</i>	Decimal (10,2)
<i>Length</i>	10
<i>Precision</i>	2

**4.1.33.2 Standard checks of data item 摘牌保证金数额**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.33.3 Server validation rule of the data item 摘牌保证金数额**

4.1.33.4 List of all dependencies of the data item 摘牌保证金数额

Name	Code	Class Name
摘牌保证金数额	deposit	Entity Attribute

4.1.34 Data item 摘牌时间

4.1.34.1 Card of data item 摘牌时间

Name	摘牌时间
Code	created_time
Comment	摘牌时间
Domain	<None>
Data Type	Date & Time
Length	
Precision	

4.1.34.2 Standard checks of data item 摘牌时间

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

4.1.34.3 Server validation rule of the data item 摘牌时间

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

4.1.34.4 List of all dependencies of the data item 摘牌时间

Name	Code	Class Name
摘牌时间	created_time	Entity Attribute

4.1.35 Data item 摘牌状态

4.1.35.1 Card of data item 摘牌状态

Name	摘牌状态
Code	status
Comment	摘牌状态 1. 等待交保证金 2. 成功 3. 失败（被抢先摘牌）
Domain	<None>
Data Type	enum('1','2','3')
Length	
Precision	

4.1.35.2 Standard checks of data item 摘牌状态

Minimum Value	
Maximum Value	
Default Value	
Unit	

<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.35.3 Server validation rule of the data item 摘牌状态**

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

**4.1.35.4 List of all dependencies of the data item 摘牌状态**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
摘牌状态	status	Entity Attribute

**4.1.36 Data item 摘牌用户ID****4.1.36.1 Card of data item 摘牌用户ID**

<i>Name</i>	摘牌用户ID
<i>Code</i>	user_id
<i>Comment</i>	摘牌用户ID
<i>Domain</i>	<None>
<i>Data Type</i>	Long integer
<i>Length</i>	
<i>Precision</i>	

**4.1.36.2 Standard checks of data item 摘牌用户ID**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.36.3 Server validation rule of the data item 摘牌用户ID**

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

**4.1.36.4 List of all dependencies of the data item 摘牌用户ID**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
摘牌用户ID	user_id	Entity Attribute

**4.1.37 Data item 摘牌类型****4.1.37.1 Card of data item 摘牌类型**

<i>Name</i>	摘牌类型
<i>Code</i>	type
<i>Comment</i>	摘牌类型 1. 买方摘牌 2. 卖方摘牌
<i>Domain</i>	<None>
<i>Data Type</i>	enum('1','2')
<i>Length</i>	
<i>Precision</i>	

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

**4.1.37.3 Server validation rule of the data item 摘牌类型**

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

**4.1.37.4 List of all dependencies of the data item 摘牌类型**

Name	Code	Class Name
摘牌类型	type	Entity Attribute

**4.1.38 Data item 收信人用户名****4.1.38.1 Card of data item 收信人用户名**

Name	收信人用户名
Code	to_username
Comment	收信人用户名
Domain	<None>
Data Type	Variable characters (128)
Length	128
Precision	

**4.1.38.2 Standard checks of data item 收信人用户名**

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

**4.1.38.3 Server validation rule of the data item 收信人用户名**

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

**4.1.38.4 List of all dependencies of the data item 收信人用户名**

Name	Code	Class Name
收信人用户名	to_username	Entity Attribute

**4.1.39 Data item 新闻ID****4.1.39.1 Card of data item 新闻ID**

Name	新闻ID
Code	id
Comment	新闻主键
Domain	<None>
Data Type	Serial (20)
Length	20

Precision	
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4.1.39.2 Standard checks of data item 新闻ID

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

4.1.39.3 Server validation rule of the data item 新闻ID

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

4.1.39.4 List of all dependencies of the data item 新闻ID

Name	Code	Class Name
新闻ID	id	Entity Attribute

4.1.40 Data item 新闻ID

4.1.40.1 Card of data item 新闻ID

Name	新闻ID
Code	id
Comment	新闻ID
Domain	<None>
Data Type	Serial (20)
Length	20
Precision	

4.1.40.2 Standard checks of data item 新闻ID

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

4.1.40.3 Server validation rule of the data item 新闻ID

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

4.1.40.4 List of all dependencies of the data item 新闻ID

Name	Code	Class Name
新闻ID	id	Entity Attribute

4.1.41 Data item 新闻标题

4.1.41.1 Card of data item 新闻标题

Name	新闻标题
Code	title
Comment	新闻标题



<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.41.2 Standard checks of data item 新闻标题**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.41.3 Server validation rule of the data item 新闻标题**

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

**4.1.41.4 List of all dependencies of the data item 新闻标题**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
新闻标题	title	Entity Attribute

**4.1.42 Data item 是否已读****4.1.42.1 Card of data item 是否已读**

<i>Name</i>	是否已读
<i>Code</i>	read_status
<i>Comment</i>	是否已读（1. 未读； 2.已读）
<i>Domain</i>	<None>
<i>Data Type</i>	enum('1','2')
<i>Length</i>	
<i>Precision</i>	

**4.1.42.2 Standard checks of data item 是否已读**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	1
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.42.3 Server validation rule of the data item 是否已读**

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

**4.1.42.4 List of all dependencies of the data item 是否已读**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
是否已读	read_status	Entity Attribute

**4.1.43 Data item 权限ID**

Name	权限ID
Code	id
Comment	权限ID
Domain	<None>
Data Type	Long integer
Length	
Precision	

4.1.43.2 Standard checks of data item 权限ID

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

4.1.43.3 Server validation rule of the data item 权限ID

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

4.1.43.4 List of all dependencies of the data item 权限ID

Name	Code	Class Name
权限ID	id	Entity Attribute

4.1.44 Data item 权限名

4.1.44.1 Card of data item 权限名

Name	权限名
Code	name
Comment	权限名
Domain	<None>
Data Type	Variable characters (15)
Length	15
Precision	

4.1.44.2 Standard checks of data item 权限名

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

4.1.44.3 Server validation rule of the data item 权限名

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

4.1.44.4 List of all dependencies of the data item 权限名

Name	Code	Class Name
权限名	name	Entity Attribute

**4.1.45 Data item 汇款单位名称****4.1.45.1 Card of data item 汇款单位名称**

<i>Name</i>	汇款单位名称
<i>Code</i>	com_name
<i>Comment</i>	汇款单位名称
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.45.2 Standard checks of data item 汇款单位名称**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.45.3 Server validation rule of the data item 汇款单位名称**

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

**4.1.45.4 List of all dependencies of the data item 汇款单位名称**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
汇款单位名称	com_name	Entity Attribute

**4.1.46 Data item 法人代表****4.1.46.1 Card of data item 法人代表**

<i>Name</i>	法人代表
<i>Code</i>	legal_name
<i>Comment</i>	法人代表
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.46.2 Standard checks of data item 法人代表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.46.3 Server validation rule of the data item 法人代表**

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

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
法人代表	legal_name	Entity Attribute

**4.1.47 Data item 法人身份证号****4.1.47.1 Card of data item 法人身份证号**

<i>Name</i>	法人身份证号
<i>Code</i>	legal_id
<i>Comment</i>	法人身份证号
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.47.2 Standard checks of data item 法人身份证号**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.47.3 Server validation rule of the data item 法人身份证号**

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

**4.1.47.4 List of all dependencies of the data item 法人身份证号**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
法人身份证号	legal_id	Entity Attribute

**4.1.48 Data item 法人身份证（文件）****4.1.48.1 Card of data item 法人身份证（文件）**

<i>Name</i>	法人身份证（文件）
<i>Code</i>	legal_id_file
<i>Comment</i>	法人身份证（文件）
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (255)
<i>Length</i>	255
<i>Precision</i>	

**4.1.48.2 Standard checks of data item 法人身份证（文件）**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.48.3 Server validation rule of the data item 法人身份证（文件）**

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

#### **4.1.48.4 List of all dependencies of the data item 法人身份证（文件）**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
法人身份证（文件）	legal_id_file	Entity Attribute

#### **4.1.49 Data item 注册地区**

##### **4.1.49.1 Card of data item 注册地区**

<i>Name</i>	注册地区
<i>Code</i>	com_addr
<i>Comment</i>	注册地区
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

##### **4.1.49.2 Standard checks of data item 注册地区**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **4.1.49.3 Server validation rule of the data item 注册地区**

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

##### **4.1.49.4 List of all dependencies of the data item 注册地区**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
注册地区	com_addr	Entity Attribute

#### **4.1.50 Data item 注册资金（万元）**

##### **4.1.50.1 Card of data item 注册资金（万元）**

<i>Name</i>	注册资金（万元）
<i>Code</i>	registered_capital
<i>Comment</i>	注册资金（万元）
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

##### **4.1.50.2 Standard checks of data item 注册资金（万元）**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

4.1.50.3 Server validation rule of the data item 注册资金（万元）

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

4.1.50.4 List of all dependencies of the data item 注册资金（万元）

Name	Code	Class Name
注册资金（万元）	registered_capital	Entity Attribute

4.1.51 Data item 消息类型

4.1.51.1 Card of data item 消息类型

Name	消息类型
Code	msg_type
Comment	消息类型（1.系统消息）
Domain	<None>
Data Type	Short integer
Length	
Precision	

4.1.51.2 Standard checks of data item 消息类型

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

4.1.51.3 Server validation rule of the data item 消息类型

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

4.1.51.4 List of all dependencies of the data item 消息类型

Name	Code	Class Name
消息类型	msg_type	Entity Attribute

4.1.52 Data item 煤源存放地点[供应商]

4.1.52.1 Card of data item 煤源存放地点[供应商]

Name	煤源存放地点[供应商]
Code	coal_store_site
Comment	煤源存放地点[供应商]
Domain	<None>
Data Type	Variable characters (255)
Length	255
Precision	

4.1.52.2 Standard checks of data item 煤源存放地点[供应商]

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	

Cannot Modify	No
List Of Values	

**4.1.52.3 Server validation rule of the data item 煤源存放地点[供应商]**

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

**4.1.52.4 List of all dependencies of the data item 煤源存放地点[供应商]**

Name	Code	Class Name
煤源存放地点[供应商]	coal_store_site	Entity Attribute

**4.1.53 Data item 煤源数量[供应商]****4.1.53.1 Card of data item 煤源数量[供应商]**

Name	煤源数量[供应商]
Code	coal_quantity
Comment	煤源数量[供应商]
Domain	<None>
Data Type	Long integer
Length	
Precision	

**4.1.53.2 Standard checks of data item 煤源数量[供应商]**

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

**4.1.53.3 Server validation rule of the data item 煤源数量[供应商]**

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

**4.1.53.4 List of all dependencies of the data item 煤源数量[供应商]**

Name	Code	Class Name
煤源数量[供应商]	coal_quantity	Entity Attribute

**4.1.54 Data item 煤源质量[供应商]****4.1.54.1 Card of data item 煤源质量[供应商]**

Name	煤源质量[供应商]
Code	coal_quality
Comment	煤源质量[供应商]
Domain	<None>
Data Type	Variable characters (10)
Length	10
Precision	

**4.1.54.2 Standard checks of data item 煤源质量[供应商]**

Minimum Value	
Maximum Value	

<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.54.3 Server validation rule of the data item 煤源质量[供应商]**

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

**4.1.54.4 List of all dependencies of the data item 煤源质量[供应商]**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
煤源质量[供应商]	coal_quality	Entity Attribute

**4.1.55 Data item 煤炭经营许可证（文件）[供应商]****4.1.55.1 Card of data item 煤炭经营许可证（文件）[供应商]**

<i>Name</i>	煤炭经营许可证（文件）[供应商]
<i>Code</i>	manage_license_file
<i>Comment</i>	煤炭经营许可证（文件）[供应商]
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (255)
<i>Length</i>	255
<i>Precision</i>	

**4.1.55.2 Standard checks of data item 煤炭经营许可证（文件）[供应商]**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.55.3 Server validation rule of the data item 煤炭经营许可证（文件）[供应商]**

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

**4.1.55.4 List of all dependencies of the data item 煤炭经营许可证（文件）[供应商]**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
煤炭经营许可证（文件）[供应商]	manage_license_file	Entity Attribute

**4.1.56 Data item 状态****4.1.56.1 Card of data item 状态**

<i>Name</i>	状态
<i>Code</i>	status
<i>Comment</i>	状态： 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）



<i>Domain</i>	<None>
<i>Data Type</i>	enum('1','2','3','4','5')
<i>Length</i>	
<i>Precision</i>	

**4.1.56.2 Standard checks of data item 状态**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.56.3 Server validation rule of the data item 状态**

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

**4.1.56.4 List of all dependencies of the data item 状态**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
状态	status	Entity Attribute

**4.1.57 Data item 用户ID****4.1.57.1 Card of data item 用户ID**

<i>Name</i>	用户ID
<i>Code</i>	id
<i>Comment</i>	用户ID（唯一）
<i>Domain</i>	<None>
<i>Data Type</i>	Serial (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.57.2 Standard checks of data item 用户ID**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.57.3 Server validation rule of the data item 用户ID**

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

**4.1.57.4 List of all dependencies of the data item 用户ID**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
用户ID	id	Entity Attribute

**4.1.58 Data item 用户密码**

<i>Name</i>	用户密码
<i>Code</i>	pass
<i>Comment</i>	用户密码： 要经过加密
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (100)
<i>Length</i>	100
<i>Precision</i>	

**4.1.58.2 Standard checks of data item 用户密码**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.58.3 Server validation rule of the data item 用户密码**

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

**4.1.58.4 List of all dependencies of the data item 用户密码**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
用户密码	pass	Entity Attribute

**4.1.59 Data item 用户昵称****4.1.59.1 Card of data item 用户昵称**

<i>Name</i>	用户昵称
<i>Code</i>	nick
<i>Comment</i>	用户昵称
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.59.2 Standard checks of data item 用户昵称**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.59.3 Server validation rule of the data item 用户昵称**

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

**4.1.59.4 List of all dependencies of the data item 用户昵称**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
用户昵称	nick	Entity Attribute

4.1.60 Data item 用户状态

4.1.60.1 Card of data item 用户状态

Name	用户状态
Code	status
Comment	用户状态 1. 用户未激活 2. 已激活
Domain	<None>
Data Type	enum('1','2')
Length	
Precision	

4.1.60.2 Standard checks of data item 用户状态

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

4.1.60.3 Server validation rule of the data item 用户状态

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

4.1.60.4 List of all dependencies of the data item 用户状态

Name	Code	Class Name
用户状态	status	Entity Attribute

4.1.61 Data item 用户邮箱

4.1.61.1 Card of data item 用户邮箱

Name	用户邮箱
Code	email
Comment	用户邮箱（唯一）
Domain	<None>
Data Type	Variable characters (50)
Length	50
Precision	

4.1.61.2 Standard checks of data item 用户邮箱

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

4.1.61.3 Server validation rule of the data item 用户邮箱

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

**4.1.61.4 List of all dependencies of the data item 用户邮箱**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
用户邮箱	email	Entity Attribute

**4.1.62 Data item 申请单位****4.1.62.1 Card of data item 申请单位**

<i>Name</i>	申请单位
<i>Code</i>	request_company
<i>Comment</i>	申请单位
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (100)
<i>Length</i>	100
<i>Precision</i>	

**4.1.62.2 Standard checks of data item 申请单位**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.62.3 Server validation rule of the data item 申请单位**

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

**4.1.62.4 List of all dependencies of the data item 申请单位**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
申请单位	request_company	Entity Attribute

**4.1.63 Data item 登录名****4.1.63.1 Card of data item 登录名**

<i>Name</i>	登录名
<i>Code</i>	login
<i>Comment</i>	登录名（唯一）
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.63.2 Standard checks of data item 登录名**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

4.1.63.3 Server validation rule of the data item 登录名

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

4.1.63.4 List of all dependencies of the data item 登录名

Name	Code	Class Name
登录名	login	Entity Attribute

4.1.64 Data item 税务登记证代码

4.1.64.1 Card of data item 税务登记证代码

Name	税务登记证代码
Code	tr_cert
Comment	税务登记证代码
Domain	<None>
Data Type	Variable characters (20)
Length	20
Precision	

4.1.64.2 Standard checks of data item 税务登记证代码

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

4.1.64.3 Server validation rule of the data item 税务登记证代码

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

4.1.64.4 List of all dependencies of the data item 税务登记证代码

Name	Code	Class Name
税务登记证代码	tr_cert	Entity Attribute

4.1.65 Data item 税务登记证（文件）

4.1.65.1 Card of data item 税务登记证（文件）

Name	税务登记证（文件）
Code	tr_cert_file
Comment	税务登记证（文件）
Domain	<None>
Data Type	Variable characters (255)
Length	255
Precision	

4.1.65.2 Standard checks of data item 税务登记证（文件）

Minimum Value	
Maximum Value	
Default Value	
Unit	
Format	

Cannot Modify	No
List Of Values	

**4.1.65.3 Server validation rule of the data item 税务登记证（文件）**

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

**4.1.65.4 List of all dependencies of the data item 税务登记证（文件）**

Name	Code	Class Name
税务登记证（文件）	tr_cert_file	Entity Attribute

**4.1.66 Data item 站内信内容****4.1.66.1 Card of data item 站内信内容**

Name	站内信内容
Code	content
Comment	站内信内容
Domain	<None>
Data Type	Variable characters (1024)
Length	1,024
Precision	

**4.1.66.2 Standard checks of data item 站内信内容**

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

**4.1.66.3 Server validation rule of the data item 站内信内容**

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

**4.1.66.4 List of all dependencies of the data item 站内信内容**

Name	Code	Class Name
站内信内容	content	Entity Attribute

**4.1.67 Data item 站内信标题****4.1.67.1 Card of data item 站内信标题**

Name	站内信标题
Code	title
Comment	站内信标题
Domain	<None>
Data Type	Variable characters (50)
Length	50
Precision	

**4.1.67.2 Standard checks of data item 站内信标题**

Minimum Value	
Maximum Value	

<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.67.3 Server validation rule of the data item 站内信标题**

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

**4.1.67.4 List of all dependencies of the data item 站内信标题**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
站内信标题	title	Entity Attribute

**4.1.68 Data item 组织机构代码****4.1.68.1 Card of data item 组织机构代码**

<i>Name</i>	组织机构代码
<i>Code</i>	oib_code
<i>Comment</i>	组织机构代码
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.68.2 Standard checks of data item 组织机构代码**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.68.3 Server validation rule of the data item 组织机构代码**

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

**4.1.68.4 List of all dependencies of the data item 组织机构代码**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
组织机构代码	oib_code	Entity Attribute

**4.1.69 Data item 组织机构代码证（文件）****4.1.69.1 Card of data item 组织机构代码证（文件）**

<i>Name</i>	组织机构代码证（文件）
<i>Code</i>	oib_code_file
<i>Comment</i>	组织机构代码证（文件）
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (255)
<i>Length</i>	255
<i>Precision</i>	

**4.1.69.2 Standard checks of data item 组织机构代码证（文件）**

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

**4.1.69.3 Server validation rule of the data item 组织机构代码证（文件）**

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

**4.1.69.4 List of all dependencies of the data item 组织机构代码证（文件）**

Name	Code	Class Name
组织机构代码证（文件）	oib_code_file	Entity Attribute

**4.1.70 Data item 经营许可证编号****4.1.70.1 Card of data item 经营许可证编号**

Name	经营许可证编号
Code	manage_license_id
Comment	经营许可证编号
Domain	<None>
Data Type	Variable characters (20)
Length	20
Precision	

**4.1.70.2 Standard checks of data item 经营许可证编号**

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

**4.1.70.3 Server validation rule of the data item 经营许可证编号**

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

**4.1.70.4 List of all dependencies of the data item 经营许可证编号**

Name	Code	Class Name
经营许可证编号	manage_license_id	Entity Attribute

**4.1.71 Data item 结束时间****4.1.71.1 Card of data item 结束时间**

Name	结束时间
Code	ended_time
Comment	结束时间
Domain	<None>



<i>Data Type</i>	Date & Time
<i>Length</i>	
<i>Precision</i>	

**4.1.71.2 Standard checks of data item 结束时间**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.71.3 Server validation rule of the data item 结束时间**

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

**4.1.71.4 List of all dependencies of the data item 结束时间**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
结束时间	ended_time	Entity Attribute

**4.1.72 Data item 联系电话****4.1.72.1 Card of data item 联系电话**

<i>Name</i>	联系电话
<i>Code</i>	com_contact
<i>Comment</i>	联系电话
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.72.2 Standard checks of data item 联系电话**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.72.3 Server validation rule of the data item 联系电话**

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

**4.1.72.4 List of all dependencies of the data item 联系电话**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
联系电话	com_contact	Entity Attribute

**4.1.73 Data item 营业执照号****4.1.73.1 Card of data item 营业执照号**

<i>Name</i>	营业执照号
-------------	-------

<i>Code</i>	business_license_id
<i>Comment</i>	营业执照号
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.73.2 Standard checks of data item 营业执照号**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.73.3 Server validation rule of the data item 营业执照号**

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

**4.1.73.4 List of all dependencies of the data item 营业执照号**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
营业执照号	business_license_id	Entity Attribute

**4.1.74 Data item 营业执照（文件）****4.1.74.1 Card of data item 营业执照（文件）**

<i>Name</i>	营业执照（文件）
<i>Code</i>	business_license_file
<i>Comment</i>	营业执照（文件）
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (255)
<i>Length</i>	255
<i>Precision</i>	

**4.1.74.2 Standard checks of data item 营业执照（文件）**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.74.3 Server validation rule of the data item 营业执照（文件）**

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

**4.1.74.4 List of all dependencies of the data item 营业执照（文件）**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
营业执照（文件）	business_license_file	Entity Attribute

**4.1.75 Data item 角色ID**

4.1.75.1 Card of data item 角色ID

Name	角色ID
Code	id
Comment	角色ID
Domain	<None>
Data Type	Long integer
Length	
Precision	

4.1.75.2 Standard checks of data item 角色ID

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

4.1.75.3 Server validation rule of the data item 角色ID

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

4.1.75.4 List of all dependencies of the data item 角色ID

Name	Code	Class Name
角色ID	id	Entity Attribute

4.1.76 Data item 角色名

4.1.76.1 Card of data item 角色名

Name	角色名
Code	name
Comment	角色名
Domain	<None>
Data Type	Variable characters (20)
Length	20
Precision	

4.1.76.2 Standard checks of data item 角色名

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

4.1.76.3 Server validation rule of the data item 角色名

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

4.1.76.4 List of all dependencies of the data item 角色名

Name	Code	Class Name

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
角色名	name	Entity Attribute

4.1.77 Data item 角色标记

4.1.77.1 Card of data item 角色标记

<i>Name</i>	角色标记
<i>Code</i>	mark
<i>Comment</i>	角色标记
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

4.1.77.2 Standard checks of data item 角色标记

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

4.1.77.3 Server validation rule of the data item 角色标记

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

4.1.77.4 List of all dependencies of the data item 角色标记

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
角色标记	mark	Entity Attribute

4.1.78 Data item 角色类型

4.1.78.1 Card of data item 角色类型

<i>Name</i>	角色类型
<i>Code</i>	type
<i>Comment</i>	角色类型
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (10)
<i>Length</i>	10
<i>Precision</i>	

4.1.78.2 Standard checks of data item 角色类型

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

4.1.78.3 Server validation rule of the data item 角色类型

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

**4.1.78.4 List of all dependencies of the data item 角色类型**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
角色类型	type	Entity Attribute

**4.1.79 Data item 订单ID****4.1.79.1 Card of data item 订单ID**

<i>Name</i>	订单ID
<i>Code</i>	id
<i>Comment</i>	订单ID
<i>Domain</i>	<None>
<i>Data Type</i>	Serial (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.79.2 Standard checks of data item 订单ID**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.79.3 Server validation rule of the data item 订单ID**

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

**4.1.79.4 List of all dependencies of the data item 订单ID**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
订单ID	id	Entity Attribute

**4.1.80 Data item 订单号****4.1.80.1 Card of data item 订单号**

<i>Name</i>	订单号
<i>Code</i>	num
<i>Comment</i>	订单号
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (30)
<i>Length</i>	30
<i>Precision</i>	

**4.1.80.2 Standard checks of data item 订单号**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

4.1.80.3 Server validation rule of the data item 订单号

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

4.1.80.4 List of all dependencies of the data item 订单号

Name	Code	Class Name
订单号	num	Entity Attribute

4.1.81 Data item 订单状态

4.1.81.1 Card of data item 订单状态

Name	订单状态
Code	status
Comment	订单状态: 1. 进行中 2. 超时 3. 完成 4. 取消
Domain	<None>
Data Type	enum('1','2','3','4')
Length	
Precision	

4.1.81.2 Standard checks of data item 订单状态

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

4.1.81.3 Server validation rule of the data item 订单状态

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

4.1.81.4 List of all dependencies of the data item 订单状态

Name	Code	Class Name
订单状态	status	Entity Attribute

4.1.82 Data item 账户金额

4.1.82.1 Card of data item 账户金额

Name	账户金额
Code	balance
Comment	账户金额
Domain	<None>
Data Type	Decimal (10,2)
Length	10
Precision	2

4.1.82.2 Standard checks of data item 账户金额

Minimum Value	
Maximum Value	

<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.82.3 Server validation rule of the data item 账户金额**

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

**4.1.82.4 List of all dependencies of the data item 账户金额**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
账户金额	balance	Entity Attribute

**4.1.83 Data item 运输方式及保障能力[供应商]****4.1.83.1 Card of data item 运输方式及保障能力[供应商]**

<i>Name</i>	运输方式及保障能力[供应商]
<i>Code</i>	coal_transport
<i>Comment</i>	运输方式及保障能力[供应商]
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.83.2 Standard checks of data item 运输方式及保障能力[供应商]**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.83.3 Server validation rule of the data item 运输方式及保障能力[供应商]**

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

**4.1.83.4 List of all dependencies of the data item 运输方式及保障能力[供应商]**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
运输方式及保障能力[供应商]	coal_transport	Entity Attribute

**4.1.84 Data item 邮政编码****4.1.84.1 Card of data item 邮政编码**

<i>Name</i>	邮政编码
<i>Code</i>	com_zip
<i>Comment</i>	邮政编码
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.84.2 Standard checks of data item 邮政编码**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.84.3 Server validation rule of the data item 邮政编码**

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

**4.1.84.4 List of all dependencies of the data item 邮政编码**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
邮政编码	com_zip	Entity Attribute

**4.1.85 Data item 金额数量****4.1.85.1 Card of data item 金额数量**

<i>Name</i>	金额数量
<i>Code</i>	quantity
<i>Comment</i>	金额数量
<i>Domain</i>	<None>
<i>Data Type</i>	Decimal (10,2)
<i>Length</i>	10
<i>Precision</i>	2

**4.1.85.2 Standard checks of data item 金额数量**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.85.3 Server validation rule of the data item 金额数量**

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

**4.1.85.4 List of all dependencies of the data item 金额数量**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
金额数量	quantity	Entity Attribute

**4.1.86 Data item 金额数量****4.1.86.1 Card of data item 金额数量**

<i>Name</i>	金额数量
<i>Code</i>	quantity
<i>Comment</i>	金额数量
<i>Domain</i>	<None>



<i>Data Type</i>	Decimal (10,2)
<i>Length</i>	10
<i>Precision</i>	2

**4.1.86.2 Standard checks of data item 金额数量**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.86.3 Server validation rule of the data item 金额数量**

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

**4.1.86.4 List of all dependencies of the data item 金额数量**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
金额数量	quantity	Entity Attribute

**4.1.87 Data item 银行账号****4.1.87.1 Card of data item 银行账号**

<i>Name</i>	银行账号
<i>Code</i>	bank_acc
<i>Comment</i>	银行账号
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (19)
<i>Length</i>	19
<i>Precision</i>	

**4.1.87.2 Standard checks of data item 银行账号**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.87.3 Server validation rule of the data item 银行账号**

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

**4.1.87.4 List of all dependencies of the data item 银行账号**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
银行账号	bank_acc	Entity Attribute

**4.1.88 Data item 键****4.1.88.1 Card of data item 键**

<i>Name</i>	键
-------------	---

<i>Code</i>	mkey
<i>Comment</i>	键
<i>Domain</i>	<None>
<i>Data Type</i>	Variable characters (255)
<i>Length</i>	255
<i>Precision</i>	

**4.1.88.2 Standard checks of data item 键**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.88.3 Server validation rule of the data item 键**

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

**4.1.88.4 List of all dependencies of the data item 键**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
键	mkey	Entity Attribute

**4.1.89 Data item 需求ID****4.1.89.1 Card of data item 需求ID**

<i>Name</i>	需求ID
<i>Code</i>	id
<i>Comment</i>	需求ID
<i>Domain</i>	<None>
<i>Data Type</i>	Serial (20)
<i>Length</i>	20
<i>Precision</i>	

**4.1.89.2 Standard checks of data item 需求ID**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**4.1.89.3 Server validation rule of the data item 需求ID**

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

**4.1.89.4 List of all dependencies of the data item 需求ID**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
需求ID	id	Entity Attribute

**4.1.90 Data item 需求ID**

4.1.90.1 Card of data item 需求ID

Name	需求ID
Code	req_id
Comment	需求ID
Domain	<None>
Data Type	Long integer
Length	
Precision	

4.1.90.2 Standard checks of data item 需求ID

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

4.1.90.3 Server validation rule of the data item 需求ID

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

4.1.90.4 List of all dependencies of the data item 需求ID

Name	Code	Class Name
需求ID	req_id	Entity Attribute

4.1.91 Data item 需求信息(JSON)

4.1.91.1 Card of data item 需求信息(JSON)

Name	需求信息(JSON)
Code	detail
Comment	需求信息(JSON)
Domain	<None>
Data Type	JSON
Length	
Precision	

4.1.91.2 Standard checks of data item 需求信息(JSON)

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

4.1.91.3 Server validation rule of the data item 需求信息(JSON)

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

4.1.91.4 List of all dependencies of the data item 需求信息(JSON)

Name	Code	Class Name

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
需求信息(JSON)	detail	Entity Attribute

#### 4.1.92 Data item 需求状态

##### 4.1.92.1 Card of data item 需求状态

<i>Name</i>	需求状态
<i>Code</i>	status
<i>Comment</i>	需求状态 1. 草稿 2. 审核中 3. 发布 4. 被成功摘取, 隐藏 (摘牌方交完保证金) 6. 完成 7. 审核不通过 (驳回) 8. 等待上传合同 9. 合同已上传, 等待确认 10. 合同被拒绝 11. 合同被确认, 同时生成订单 12. 交易完成 15. 待交保证金
<i>Domain</i>	<None>
<i>Data Type</i>	enum('1','2','3','4','6','7','8','9','10','11','12','15')
<i>Length</i>	
<i>Precision</i>	

##### 4.1.92.2 Standard checks of data item 需求状态

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### 4.1.92.3 Server validation rule of the data item 需求状态

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

##### 4.1.92.4 List of all dependencies of the data item 需求状态

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
需求状态	status	Entity Attribute

#### 4.1.93 Data item 需求类型

##### 4.1.93.1 Card of data item 需求类型

<i>Name</i>	需求类型
<i>Code</i>	type
<i>Comment</i>	1. 卖出 2. 采购
<i>Domain</i>	<None>
<i>Data Type</i>	enum('1','2')
<i>Length</i>	
<i>Precision</i>	

4.1.93.2 Standard checks of data item 需求类型

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

4.1.93.3 Server validation rule of the data item 需求类型

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

4.1.93.4 List of all dependencies of the data item 需求类型

Name	Code	Class Name
需求类型	type	Entity Attribute

4.1.94 Data item 预存ID

4.1.94.1 Card of data item 预存ID

Name	预存ID
Code	id
Comment	预存ID
Domain	<None>
Data Type	Serial (20)
Length	20
Precision	

4.1.94.2 Standard checks of data item 预存ID

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

4.1.94.3 Server validation rule of the data item 预存ID

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

4.1.94.4 List of all dependencies of the data item 预存ID

Name	Code	Class Name
预存ID	id	Entity Attribute

4.1.95 Data item 预存状态

4.1.95.1 Card of data item 预存状态

Name	预存状态
Code	status

Comment	预存状态： 1. 待审核 2. 驳回（审核不通过） 3. 审核通过
Domain	<None>
Data Type	enum('1','2','3')
Length	
Precision	

4.1.95.2 Standard checks of data item 预存状态

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

4.1.95.3 Server validation rule of the data item 预存状态

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

4.1.95.4 List of all dependencies of the data item 预存状态

Name	Code	Class Name
预存状态	status	Entity Attribute

## 5 Entities

### 5.1 Model level entities

#### 5.1.1 List of entities

<i>Name</i>	<i>Code</i>	<i>Parent</i>	<i>Generate</i>	<i>Number</i>
企业基本信息表	ct_company	Conceptual Data Model '国煤交易系统'	X	
企业财务账户表	ct_finance	Conceptual Data Model '国煤交易系统'	X	
挂牌需求表	ct_request	Conceptual Data Model '国煤交易系统'	X	
摘牌表	ct_zp	Conceptual Data Model '国煤交易系统'	X	
新闻资讯表	ct_news	Conceptual Data Model '国煤交易系统'	X	
权限表	ct_permissions	Conceptual Data Model '国煤交易系统'	X	
用户表	ct_users	Conceptual Data Model '国煤交易系统'	X	
用户附加信息表	ct_usermeta	Conceptual Data Model '国煤交易系统'	X	
网站消息	ct_website_message	Conceptual Data Model '国煤交易系统'	X	
角色表	ct_userrole	Conceptual Data Model '国煤交易系统'	X	
订单表	ct_order	Conceptual Data Model '国煤交易系统'	X	
资金变动记录表	ct_finance_log	Conceptual Data Model '国煤交易系统'	X	
资金预存表	ct_finance_store	Conceptual Data Model '国煤交易系统'	X	

#### 5.1.2 List of entity identifiers

<i>Name</i>	<i>Code</i>	<i>Parent</i>
Key_1	Key_1	Entity '新闻资讯表'
Key_1	Key_1	Entity '用户表'
Key_1	Key_1	Entity '订单表'
Key_1	Key_1	Entity '摘牌表'
Key_1	Key_1	Entity '角色表'
Key_1	Key_1	Entity '权限表'
Key_1	Key_1	Entity '挂牌需求表'
Key_1	Key_1	Entity '用户附加信息表'
Key_1	Key_1	Entity '网站消息'
Key_1	Key_1	Entity '资金预存表'

#### 5.1.3 Entity 企业基本信息表

##### 5.1.3.1 Card of entity 企业基本信息表

<i>Name</i>	企业基本信息表
<i>Code</i>	ct_company

<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Generate</i>	Yes
<i>Number</i>	

#### 5.1.3.2 List of diagrams containing the entity 企业基本信息表

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

#### 5.1.3.3 List of relationships of the entity 企业基本信息表

<i>Name</i>	<i>Code</i>	<i>Entity 2</i>	<i>Entity 1</i>	<i>Dependent Role</i>	<i>Entity 1 -&gt; Entity 2 Role Cardinality</i>	<i>Entity 2 -&gt; Entity 1 Role Cardinality</i>
CU_REF_USER	CU_REF_USER	企业基本信息表	用户表	企业基本信息表 -> 用户表	0,n	1,1

#### 5.1.3.4 List of all dependencies of the entity 企业基本信息表

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
CU_REF_USER	CU_REF_USER	Relationship

#### 5.1.3.5 List of attributes of the entity 企业基本信息表

<i>Name</i>	<i>Code</i>
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
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

#### 5.1.3.6 Entity attribute 企业名称 of the entity 企业基本信息表



<i>Name</i>	企业名称
<i>Code</i>	com_name
<i>Data Type</i>	Variable characters (20)
<i>Mandatory</i>	No

#### **5.1.3.6.2 Check of the entity attribute 企业名称 of the entity 企业基本信息表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **5.1.3.6.3 Server validation rule of the entity attribute 企业名称 of the entity 企业基本信息表**

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

#### **5.1.3.7 Entity attribute 企业介绍 of the entity 企业基本信息表**

##### **5.1.3.7.1 Card of the entity attribute 企业介绍 of the entity 企业基本信息表**

<i>Name</i>	企业介绍
<i>Code</i>	com_intro
<i>Data Type</i>	Text
<i>Mandatory</i>	No

##### **5.1.3.7.2 Check of the entity attribute 企业介绍 of the entity 企业基本信息表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.3.7.3 Server validation rule of the entity attribute 企业介绍 of the entity 企业基本信息表**

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

#### **5.1.3.8 Entity attribute 法人代表 of the entity 企业基本信息表**

##### **5.1.3.8.1 Card of the entity attribute 法人代表 of the entity 企业基本信息表**

<i>Name</i>	法人代表
<i>Code</i>	legal_name
<i>Data Type</i>	Variable characters (20)
<i>Mandatory</i>	No

##### **5.1.3.8.2 Check of the entity attribute 法人代表 of the entity 企业基本信息表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	

<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **5.1.3.8.3 Server validation rule of the entity attribute 法人代表 of the entity 企业基本信息表**

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

#### **5.1.3.9 Entity attribute 法人身份证号 of the entity 企业基本信息表**

##### **5.1.3.9.1 Card of the entity attribute 法人身份证号 of the entity 企业基本信息表**

<i>Name</i>	法人身份证号
<i>Code</i>	legal_id
<i>Data Type</i>	Variable characters (20)
<i>Mandatory</i>	No

##### **5.1.3.9.2 Check of the entity attribute 法人身份证号 of the entity 企业基本信息表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.3.9.3 Server validation rule of the entity attribute 法人身份证号 of the entity 企业基本信息表**

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

#### **5.1.3.10 Entity attribute 法人身份证（文件） of the entity 企业基本信息表**

##### **5.1.3.10.1 Card of the entity attribute 法人身份证（文件） of the entity 企业基本信息表**

<i>Name</i>	法人身份证（文件）
<i>Code</i>	legal_id_file
<i>Data Type</i>	Variable characters (255)
<i>Mandatory</i>	No

##### **5.1.3.10.2 Check of the entity attribute 法人身份证（文件） of the entity 企业基本信息表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.3.10.3 Server validation rule of the entity attribute 法人身份证（文件） of the entity 企业基本信息表**

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

#### **5.1.3.11 Entity attribute 注册地区 of the entity 企业基本信息表**

##### **5.1.3.11.1 Card of the entity attribute 注册地区 of the entity 企业基本信息表**

<i>Name</i>	注册地区
<i>Code</i>	com_addr
<i>Data Type</i>	Variable characters (20)

Mandatory	No
-----------	----

5.1.3.11.2 Check of the entity attribute 注册地区 of the entity 企业基本信息表

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

5.1.3.11.3 Server validation rule of the entity attribute 注册地区 of the entity 企业基本信息表

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

5.1.3.12 Entity attribute 联系电话 of the entity 企业基本信息表

5.1.3.12.1 Card of the entity attribute 联系电话 of the entity 企业基本信息表

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

5.1.3.12.2 Check of the entity attribute 联系电话 of the entity 企业基本信息表

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

5.1.3.12.3 Server validation rule of the entity attribute 联系电话 of the entity 企业基本信息表

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

5.1.3.13 Entity attribute 邮政编码 of the entity 企业基本信息表

5.1.3.13.1 Card of the entity attribute 邮政编码 of the entity 企业基本信息表

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

5.1.3.13.2 Check of the entity attribute 邮政编码 of the entity 企业基本信息表

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

**5.1.3.13.3 Server validation rule of the entity attribute 邮政编码 of the entity 企业基本信息表**

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

**5.1.3.14 Entity attribute 营业执照号 of the entity 企业基本信息表****5.1.3.14.1 Card of the entity attribute 营业执照号 of the entity 企业基本信息表**

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

**5.1.3.14.2 Check of the entity attribute 营业执照号 of the entity 企业基本信息表**

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

**5.1.3.14.3 Server validation rule of the entity attribute 营业执照号 of the entity 企业基本信息表**

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

**5.1.3.15 Entity attribute 营业执照（文件） of the entity 企业基本信息表****5.1.3.15.1 Card of the entity attribute 营业执照（文件） of the entity 企业基本信息表**

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

**5.1.3.15.2 Check of the entity attribute 营业执照（文件） of the entity 企业基本信息表**

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

**5.1.3.15.3 Server validation rule of the entity attribute 营业执照（文件） of the entity 企业基本信息表**

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

**5.1.3.16 Entity attribute 经营许可证编号 of the entity 企业基本信息表****5.1.3.16.1 Card of the entity attribute 经营许可证编号 of the entity 企业基本信息表**

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

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **5.1.3.16.3 Server validation rule of the entity attribute 经营许可证编号 of the entity 企业基本信息表**

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

#### **5.1.3.17 Entity attribute 传真 of the entity 企业基本信息表**

##### **5.1.3.17.1 Card of the entity attribute 传真 of the entity 企业基本信息表**

<i>Name</i>	传真
<i>Code</i>	fax
<i>Data Type</i>	Variable characters (20)
<i>Mandatory</i>	No

##### **5.1.3.17.2 Check of the entity attribute 传真 of the entity 企业基本信息表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.3.17.3 Server validation rule of the entity attribute 传真 of the entity 企业基本信息表**

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

#### **5.1.3.18 Entity attribute 注册资金（万元） of the entity 企业基本信息表**

##### **5.1.3.18.1 Card of the entity attribute 注册资金（万元） of the entity 企业基本信息表**

<i>Name</i>	注册资金（万元）
<i>Code</i>	registered_capital
<i>Data Type</i>	Variable characters (20)
<i>Mandatory</i>	No

##### **5.1.3.18.2 Check of the entity attribute 注册资金（万元） of the entity 企业基本信息表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.3.18.3 Server validation rule of the entity attribute 注册资金（万元） of the entity 企业基本信息表**

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

**5.1.3.19 Entity attribute 组织机构代码 of the entity 企业基本信息表****5.1.3.19.1 Card of the entity attribute 组织机构代码 of the entity 企业基本信息表**

<i>Name</i>	组织机构代码
<i>Code</i>	oib_code
<i>Data Type</i>	Variable characters (20)
<i>Mandatory</i>	No

**5.1.3.19.2 Check of the entity attribute 组织机构代码 of the entity 企业基本信息表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.3.19.3 Server validation rule of the entity attribute 组织机构代码 of the entity 企业基本信息表**

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

**5.1.3.20 Entity attribute 组织机构代码证（文件） of the entity 企业基本信息表****5.1.3.20.1 Card of the entity attribute 组织机构代码证（文件） of the entity 企业基本信息表**

<i>Name</i>	组织机构代码证（文件）
<i>Code</i>	oib_code_file
<i>Data Type</i>	Variable characters (255)
<i>Mandatory</i>	No

**5.1.3.20.2 Check of the entity attribute 组织机构代码证（文件） of the entity 企业基本信息表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.3.20.3 Server validation rule of the entity attribute 组织机构代码证（文件） of the entity 企业基本信息表**

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

**5.1.3.21 Entity attribute 税务登记证代码 of the entity 企业基本信息表****5.1.3.21.1 Card of the entity attribute 税务登记证代码 of the entity 企业基本信息表**

<i>Name</i>	税务登记证代码
<i>Code</i>	tr_cert
<i>Data Type</i>	Variable characters (20)
<i>Mandatory</i>	No

**5.1.3.21.2 Check of the entity attribute 税务登记证代码 of the entity 企业基本信息表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	

Default Value	
Unit	
Format	
Cannot Modify	No
List Of Values	

#### **5.1.3.21.3 Server validation rule of the entity attribute 税务登记证代码 of the entity 企业基本信息表**

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

#### **5.1.3.22 Entity attribute 税务登记证（文件） of the entity 企业基本信息表**

##### **5.1.3.22.1 Card of the entity attribute 税务登记证（文件） of the entity 企业基本信息表**

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

##### **5.1.3.22.2 Check of the entity attribute 税务登记证（文件） of the entity 企业基本信息表**

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

##### **5.1.3.22.3 Server validation rule of the entity attribute 税务登记证（文件） of the entity 企业基本信息表**

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

#### **5.1.3.23 Entity attribute 煤炭经营许可证（文件）[供应商] of the entity 企业基本信息表**

##### **5.1.3.23.1 Card of the entity attribute 煤炭经营许可证（文件）[供应商] of the entity 企业基本信息表**

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

##### **5.1.3.23.2 Check of the entity attribute 煤炭经营许可证（文件）[供应商] of the entity 企业基本信息表**

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

##### **5.1.3.23.3 Server validation rule of the entity attribute 煤炭经营许可证（文件）[供应商] of the entity 企业基本信息表**

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

#### **5.1.3.24 Entity attribute 煤源存放地点[供应商] of the entity 企业基本信息表**

**5.1.3.24.1 Card of the entity attribute 煤源存放地点[供应商] of the entity 企业基本信息表**

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

**5.1.3.24.2 Check of the entity attribute 煤源存放地点[供应商] of the entity 企业基本信息表**

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

**5.1.3.24.3 Server validation rule of the entity attribute 煤源存放地点[供应商] of the entity 企业基本信息表**

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

**5.1.3.25 Entity attribute 煤源数量[供应商] of the entity 企业基本信息表****5.1.3.25.1 Card of the entity attribute 煤源数量[供应商] of the entity 企业基本信息表**

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

**5.1.3.25.2 Check of the entity attribute 煤源数量[供应商] of the entity 企业基本信息表**

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

**5.1.3.25.3 Server validation rule of the entity attribute 煤源数量[供应商] of the entity 企业基本信息表**

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

**5.1.3.26 Entity attribute 煤源质量[供应商] of the entity 企业基本信息表****5.1.3.26.1 Card of the entity attribute 煤源质量[供应商] of the entity 企业基本信息表**

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

**5.1.3.26.2 Check of the entity attribute 煤源质量[供应商] of the entity 企业基本信息表**

Minimum Value	
Maximum Value	
Default Value	



Unit	
Format	
Cannot Modify	No
List Of Values	

### **5.1.3.26.3 Server validation rule of the entity attribute 煤源质量[供应商] of the entity 企业基本信息表**

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

### **5.1.3.27 Entity attribute 运输方式及保障能力[供应商] of the entity 企业基本信息表**

#### **5.1.3.27.1 Card of the entity attribute 运输方式及保障能力[供应商] of the entity 企业基本信息表**

Name	运输方式及保障能力[供应商]
Code	coal transport
Data Type	Variable characters (20)
Mandatory	No

#### **5.1.3.27.2 Check of the entity attribute 运输方式及保障能力[供应商] of the entity 企业基本信息表**

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

#### **5.1.3.27.3 Server validation rule of the entity attribute 运输方式及保障能力[供应商] of the entity 企业基本信息表**

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

### **5.1.3.28 Entity attribute 信息状态 of the entity 企业基本信息表**

#### **5.1.3.28.1 Card of the entity attribute 信息状态 of the entity 企业基本信息表**

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

#### **5.1.3.28.2 Check of the entity attribute 信息状态 of the entity 企业基本信息表**

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

#### **5.1.3.28.3 Server validation rule of the entity attribute 信息状态 of the entity 企业基本信息表**

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

### **5.1.3.29 Entity attribute 审核意见 of the entity 企业基本信息表**

#### **5.1.3.29.1 Card of the entity attribute 审核意见 of the entity 企业基本信息表**

Name	审核意见
------	------

<i>Code</i>	audit_opinion
<i>Data Type</i>	Variable characters (255)
<i>Mandatory</i>	No

#### 5.1.3.29.2 Check of the entity attribute 审核意见 of the entity 企业基本信息表

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### 5.1.3.29.3 Server validation rule of the entity attribute 审核意见 of the entity 企业基本信息表

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

#### 5.1.4 Entity 企业财务账户表

##### 5.1.4.1 Card of entity 企业财务账户表

<i>Name</i>	企业财务账户表
<i>Code</i>	ct_finance
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Generate</i>	Yes
<i>Number</i>	

##### 5.1.4.2 List of diagrams containing the entity 企业财务账户表

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

##### 5.1.4.3 List of relationships of the entity 企业财务账户表

<i>Name</i>	<i>Code</i>	<i>Entity 2</i>	<i>Entity 1</i>	<i>Dependent Role</i>	<i>Entity 1 -&gt; Entity 2 Role Cardinality</i>	<i>Entity 2 -&gt; Entity 1 Role Cardinality</i>
FU_REF_USER_1	FU_REF_USER_1	企业财务账户表	用户表	企业财务账户表 -> 用户表	0,n	1,1
FU_REF_USER_2	FU_REF_USER_2	企业财务账户表	用户表		0,n	0,1

##### 5.1.4.4 List of all dependencies of the entity 企业财务账户表

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
FU_REF_USER_1	FU_REF_USER_1	Relationship
FU_REF_USER_2	FU_REF_USER_2	Relationship

##### 5.1.4.5 List of attributes of the entity 企业财务账户表

<i>Name</i>	<i>Code</i>
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

<i>Name</i>	<i>Code</i>
开户许可证（文件）	ao_permit_file
信息状态	status
审核意见	audit_opinion

#### **5.1.4.6 Entity attribute 汇款单位名称 of the entity 企业财务账户表**

##### **5.1.4.6.1 Card of the entity attribute 汇款单位名称 of the entity 企业财务账户表**

<i>Name</i>	汇款单位名称
<i>Code</i>	com_name
<i>Data Type</i>	Variable characters (20)
<i>Mandatory</i>	No

##### **5.1.4.6.2 Check of the entity attribute 汇款单位名称 of the entity 企业财务账户表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.4.6.3 Server validation rule of the entity attribute 汇款单位名称 of the entity 企业财务账户表**

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

#### **5.1.4.7 Entity attribute 开户行名称 of the entity 企业财务账户表**

##### **5.1.4.7.1 Card of the entity attribute 开户行名称 of the entity 企业财务账户表**

<i>Name</i>	开户行名称
<i>Code</i>	bank_name
<i>Data Type</i>	Variable characters (20)
<i>Mandatory</i>	No

##### **5.1.4.7.2 Check of the entity attribute 开户行名称 of the entity 企业财务账户表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.4.7.3 Server validation rule of the entity attribute 开户行名称 of the entity 企业财务账户表**

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

#### **5.1.4.8 Entity attribute 银行账号 of the entity 企业财务账户表**

##### **5.1.4.8.1 Card of the entity attribute 银行账号 of the entity 企业财务账户表**

<i>Name</i>	银行账号
<i>Code</i>	bank_acc
<i>Data Type</i>	Variable characters (19)

<i>Mandatory</i>	No
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#### **5.1.4.8.2 Check of the entity attribute 银行账号 of the entity 企业财务账户表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **5.1.4.8.3 Server validation rule of the entity attribute 银行账号 of the entity 企业财务账户表**

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

#### **5.1.4.9 Entity attribute 账户金额 of the entity 企业财务账户表**

##### **5.1.4.9.1 Card of the entity attribute 账户金额 of the entity 企业财务账户表**

<i>Name</i>	账户金额
<i>Code</i>	balance
<i>Data Type</i>	Decimal (10,2)
<i>Mandatory</i>	No

##### **5.1.4.9.2 Check of the entity attribute 账户金额 of the entity 企业财务账户表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.4.9.3 Server validation rule of the entity attribute 账户金额 of the entity 企业财务账户表**

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

#### **5.1.4.10 Entity attribute 报价冻结金额 of the entity 企业财务账户表**

##### **5.1.4.10.1 Card of the entity attribute 报价冻结金额 of the entity 企业财务账户表**

<i>Name</i>	报价冻结金额
<i>Code</i>	freeze
<i>Data Type</i>	Decimal (10,2)
<i>Mandatory</i>	No

##### **5.1.4.10.2 Check of the entity attribute 报价冻结金额 of the entity 企业财务账户表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.4.10.3 Server validation rule of the entity attribute 报价冻结金额 of the entity 企业财务账户表**

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

**5.1.4.11 Entity attribute 开户许可证（文件） of the entity 企业财务账户表****5.1.4.11.1 Card of the entity attribute 开户许可证（文件） of the entity 企业财务账户表**

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

**5.1.4.11.2 Check of the entity attribute 开户许可证（文件） of the entity 企业财务账户表**

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

**5.1.4.11.3 Server validation rule of the entity attribute 开户许可证（文件） of the entity 企业财务账户表**

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

**5.1.4.12 Entity attribute 信息状态 of the entity 企业财务账户表****5.1.4.12.1 Card of the entity attribute 信息状态 of the entity 企业财务账户表**

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

**5.1.4.12.2 Check of the entity attribute 信息状态 of the entity 企业财务账户表**

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

**5.1.4.12.3 Server validation rule of the entity attribute 信息状态 of the entity 企业财务账户表**

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

**5.1.4.13 Entity attribute 审核意见 of the entity 企业财务账户表****5.1.4.13.1 Card of the entity attribute 审核意见 of the entity 企业财务账户表**

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

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

#### 5.1.4.13.3 Server validation rule of the entity attribute 审核意见 of the entity 企业财务账户表

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

### 5.1.5 Entity 挂牌需求表

#### 5.1.5.1 Card of entity 挂牌需求表

Name	挂牌需求表
Code	ct_request
Parent	Conceptual Data Model '国煤交易系统'
Generate	Yes
Number	

#### 5.1.5.2 List of diagrams containing the entity 挂牌需求表

Name	Code
国煤交易系统	pdp

#### 5.1.5.3 List of identifiers of the entity 挂牌需求表

Name	Code	Parent
Key_1	Key_1	Entity '挂牌需求表'

#### 5.1.5.4 List of relationships of the entity 挂牌需求表

Name	Code	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
ORDER_REF_REQ	ORDER_REF_REQ	订单表	挂牌需求表		0,n	0,1
REQ_REF_USER	REQ_REF_USER	挂牌需求表	用户表		0,n	0,1
REQ_REF_USER_2	REQ_REF_USER_2	挂牌需求表	用户表		0,n	0,1
RZ_REF_ZP	RZ_REF_ZP	挂牌需求表	摘牌表		0,n	0,1

#### 5.1.5.5 List of all dependencies of the entity 挂牌需求表

Name	Code	Class Name
ORDER_REF_REQ	ORDER_REF_REQ	Relationship
REQ_REF_USER	REQ_REF_USER	Relationship
REQ_REF_USER_2	REQ_REF_USER_2	Relationship
RZ_REF_ZP	RZ_REF_ZP	Relationship

#### 5.1.5.6 List of attributes of the entity 挂牌需求表

Name	Code
需求ID	id
申请单位	request_company
单据编号	request_num

<i>Name</i>	<i>Code</i>
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
合同文件（路径）	contract_file
审核意见	opinion
挂牌保证金	deposit

#### 5.1.5.7 Entity attribute 需求ID of the entity 挂牌需求表

##### 5.1.5.7.1 Card of the entity attribute 需求ID of the entity 挂牌需求表

<i>Name</i>	需求ID
<i>Code</i>	id
<i>Data Type</i>	Serial (20)
<i>Mandatory</i>	Yes

##### 5.1.5.7.2 Check of the entity attribute 需求ID of the entity 挂牌需求表

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### 5.1.5.7.3 Server validation rule of the entity attribute 需求ID of the entity 挂牌需求表

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

##### 5.1.5.7.4 List of all dependencies of the entity attribute 需求ID

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Identifier

#### 5.1.5.8 Entity attribute 申请单位 of the entity 挂牌需求表

##### 5.1.5.8.1 Card of the entity attribute 申请单位 of the entity 挂牌需求表

<i>Name</i>	申请单位
<i>Code</i>	request_company
<i>Data Type</i>	Variable characters (100)
<i>Mandatory</i>	No

##### 5.1.5.8.2 Check of the entity attribute 申请单位 of the entity 挂牌需求表

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

5.1.5.8.3 Server validation rule of the entity attribute 申请单位 of the entity 挂牌需求表

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

5.1.5.9 Entity attribute 单据编号 of the entity 挂牌需求表

5.1.5.9.1 Card of the entity attribute 单据编号 of the entity 挂牌需求表

Name	单据编号
Code	request_num
Data Type	Variable characters (100)
Mandatory	No

5.1.5.9.2 Check of the entity attribute 单据编号 of the entity 挂牌需求表

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

5.1.5.9.3 Server validation rule of the entity attribute 单据编号 of the entity 挂牌需求表

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

5.1.5.10 Entity attribute 创建时间 of the entity 挂牌需求表

5.1.5.10.1 Card of the entity attribute 创建时间 of the entity 挂牌需求表

Name	创建时间
Code	created_time
Data Type	Date & Time
Mandatory	No

5.1.5.10.2 Check of the entity attribute 创建时间 of the entity 挂牌需求表

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

5.1.5.10.3 Server validation rule of the entity attribute 创建时间 of the entity 挂牌需求表

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

5.1.5.11 Entity attribute 结束时间 of the entity 挂牌需求表

5.1.5.11.1 Card of the entity attribute 结束时间 of the entity 挂牌需求表

Name	结束时间
Code	ended_time
Data Type	Date & Time
Mandatory	No



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

**5.1.5.11.3 Server validation rule of the entity attribute 结束时间 of the entity 挂牌需求表**  
%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**5.1.5.12 Entity attribute 需求类型 of the entity 挂牌需求表**

**5.1.5.12.1 Card of the entity attribute 需求类型 of the entity 挂牌需求表**

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

**5.1.5.12.2 Check of the entity attribute 需求类型 of the entity 挂牌需求表**

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

**5.1.5.12.3 Server validation rule of the entity attribute 需求类型 of the entity 挂牌需求表**  
%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**5.1.5.13 Entity attribute 需求状态 of the entity 挂牌需求表**

**5.1.5.13.1 Card of the entity attribute 需求状态 of the entity 挂牌需求表**

Name	需求状态
Code	status
Data Type	enum('1','2','3','4','6','7','8','9','10','11','12','15')
Mandatory	Yes

**5.1.5.13.2 Check of the entity attribute 需求状态 of the entity 挂牌需求表**

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

**5.1.5.13.3 Server validation rule of the entity attribute 需求状态 of the entity 挂牌需求表**  
%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**5.1.5.14 Entity attribute 需求信息(JSON) of the entity 挂牌需求表****5.1.5.14.1 Card of the entity attribute 需求信息(JSON) of the entity 挂牌需求表**

<i>Name</i>	需求信息(JSON)
<i>Code</i>	detail
<i>Data Type</i>	JSON
<i>Mandatory</i>	No

**5.1.5.14.2 Check of the entity attribute 需求信息(JSON) of the entity 挂牌需求表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.5.14.3 Server validation rule of the entity attribute 需求信息(JSON) of the entity 挂牌需求表**

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

**5.1.5.15 Entity attribute 合同文件（路径） of the entity 挂牌需求表****5.1.5.15.1 Card of the entity attribute 合同文件（路径） of the entity 挂牌需求表**

<i>Name</i>	合同文件（路径）
<i>Code</i>	contract_file
<i>Data Type</i>	Variable characters (255)
<i>Mandatory</i>	No

**5.1.5.15.2 Check of the entity attribute 合同文件（路径） of the entity 挂牌需求表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.5.15.3 Server validation rule of the entity attribute 合同文件（路径） of the entity 挂牌需求表**

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

**5.1.5.16 Entity attribute 审核意见 of the entity 挂牌需求表****5.1.5.16.1 Card of the entity attribute 审核意见 of the entity 挂牌需求表**

<i>Name</i>	审核意见
<i>Code</i>	opinion
<i>Data Type</i>	Variable characters (255)
<i>Mandatory</i>	No

**5.1.5.16.2 Check of the entity attribute 审核意见 of the entity 挂牌需求表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	

<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### 5.1.5.16.3 Server validation rule of the entity attribute 审核意见 of the entity 挂牌需求表

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

#### 5.1.5.17 Entity attribute 挂牌保证金 of the entity 挂牌需求表

##### 5.1.5.17.1 Card of the entity attribute 挂牌保证金 of the entity 挂牌需求表

<i>Name</i>	挂牌保证金
<i>Code</i>	deposit
<i>Data Type</i>	Decimal (10,2)
<i>Mandatory</i>	No

##### 5.1.5.17.2 Check of the entity attribute 挂牌保证金 of the entity 挂牌需求表

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### 5.1.5.17.3 Server validation rule of the entity attribute 挂牌保证金 of the entity 挂牌需求表

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

#### 5.1.6 Entity 摘牌表

##### 5.1.6.1 Card of entity 摘牌表

<i>Name</i>	摘牌表
<i>Code</i>	ct_zp
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Generate</i>	Yes
<i>Number</i>	

##### 5.1.6.2 List of diagrams containing the entity 摘牌表

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

##### 5.1.6.3 List of identifiers of the entity 摘牌表

<i>Name</i>	<i>Code</i>	<i>Parent</i>
Key_1	Key_1	Entity '摘牌表'

##### 5.1.6.4 List of relationships of the entity 摘牌表

<i>Name</i>	<i>Code</i>	<i>Entity 2</i>	<i>Entity 1</i>	<i>Dependent Role</i>	<i>Entity 1 -&gt; Entity 2 Role Cardinality</i>	<i>Entity 2 -&gt; Entity 1 Role Cardinality</i>
RZ_REF_ZP	RZ_REF_ZP	挂牌需求表	摘牌表		0,n	0,1

**5.1.6.5 List of all dependencies of the entity 摘牌表**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
RZ_REF_ZP	RZ_REF_ZP	Relationship

**5.1.6.6 List of attributes of the entity 摘牌表**

<i>Name</i>	<i>Code</i>
摘牌ID	id
需求ID	req_id
摘牌用户ID	user_id
摘牌保证金数额	deposit
摘牌状态	status
审核意见	opinion
摘牌时间	created_time
摘牌类型	type

**5.1.6.7 Entity attribute 摘牌ID of the entity 摘牌表****5.1.6.7.1 Card of the entity attribute 摘牌ID of the entity 摘牌表**

<i>Name</i>	摘牌ID
<i>Code</i>	id
<i>Data Type</i>	Serial (20)
<i>Mandatory</i>	Yes

**5.1.6.7.2 Check of the entity attribute 摘牌ID of the entity 摘牌表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.6.7.3 Server validation rule of the entity attribute 摘牌ID of the entity 摘牌表**

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

**5.1.6.7.4 List of all dependencies of the entity attribute 摘牌ID**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Identifier

**5.1.6.8 Entity attribute 需求ID of the entity 摘牌表****5.1.6.8.1 Card of the entity attribute 需求ID of the entity 摘牌表**

<i>Name</i>	需求ID
<i>Code</i>	req_id
<i>Data Type</i>	Long integer
<i>Mandatory</i>	Yes

**5.1.6.8.2 Check of the entity attribute 需求ID of the entity 摘牌表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	

<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **5.1.6.8.3 Server validation rule of the entity attribute 需求ID of the entity 摘牌表**

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

#### **5.1.6.9 Entity attribute 摘牌用户ID of the entity 摘牌表**

##### **5.1.6.9.1 Card of the entity attribute 摘牌用户ID of the entity 摘牌表**

<i>Name</i>	摘牌用户ID
<i>Code</i>	user_id
<i>Data Type</i>	Long integer
<i>Mandatory</i>	Yes

##### **5.1.6.9.2 Check of the entity attribute 摘牌用户ID of the entity 摘牌表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.6.9.3 Server validation rule of the entity attribute 摘牌用户ID of the entity 摘牌表**

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

#### **5.1.6.10 Entity attribute 摘牌保证金数额 of the entity 摘牌表**

##### **5.1.6.10.1 Card of the entity attribute 摘牌保证金数额 of the entity 摘牌表**

<i>Name</i>	摘牌保证金数额
<i>Code</i>	deposit
<i>Data Type</i>	Decimal (10,2)
<i>Mandatory</i>	No

##### **5.1.6.10.2 Check of the entity attribute 摘牌保证金数额 of the entity 摘牌表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.6.10.3 Server validation rule of the entity attribute 摘牌保证金数额 of the entity 摘牌表**

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

#### **5.1.6.11 Entity attribute 摘牌状态 of the entity 摘牌表**

Name	摘牌状态
Code	status
Data Type	enum('1','2','3')
Mandatory	No

5.1.6.11.2 Check of the entity attribute 摘牌状态 of the entity 摘牌表

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

5.1.6.11.3 Server validation rule of the entity attribute 摘牌状态 of the entity 摘牌表

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

5.1.6.12 Entity attribute 审核意见 of the entity 摘牌表

5.1.6.12.1 Card of the entity attribute 审核意见 of the entity 摘牌表

Name	审核意见
Code	opinion
Data Type	Variable characters (255)
Mandatory	No

5.1.6.12.2 Check of the entity attribute 审核意见 of the entity 摘牌表

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

5.1.6.12.3 Server validation rule of the entity attribute 审核意见 of the entity 摘牌表

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

5.1.6.13 Entity attribute 摘牌时间 of the entity 摘牌表

5.1.6.13.1 Card of the entity attribute 摘牌时间 of the entity 摘牌表

Name	摘牌时间
Code	created_time
Data Type	Date & Time
Mandatory	Yes

5.1.6.13.2 Check of the entity attribute 摘牌时间 of the entity 摘牌表

Minimum Value	
Maximum Value	
Default Value	CURRENT_TIMESTAMP
Unit	
Format	

<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.6.13.3 Server validation rule of the entity attribute 摘牌时间 of the entity 摘牌表**

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

**5.1.6.14 Entity attribute 摘牌类型 of the entity 摘牌表****5.1.6.14.1 Card of the entity attribute 摘牌类型 of the entity 摘牌表**

<i>Name</i>	摘牌类型
<i>Code</i>	type
<i>Data Type</i>	enum('1','2')
<i>Mandatory</i>	No

**5.1.6.14.2 Check of the entity attribute 摘牌类型 of the entity 摘牌表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.6.14.3 Server validation rule of the entity attribute 摘牌类型 of the entity 摘牌表**

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

**5.1.7 Entity 新闻资讯表****5.1.7.1 Card of entity 新闻资讯表**

<i>Name</i>	新闻资讯表
<i>Code</i>	ct_news
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Generate</i>	Yes
<i>Number</i>	

**5.1.7.2 List of diagrams containing the entity 新闻资讯表**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**5.1.7.3 List of identifiers of the entity 新闻资讯表**

<i>Name</i>	<i>Code</i>	<i>Parent</i>
Key_1	Key_1	Entity '新闻资讯表'

**5.1.7.4 List of relationships of the entity 新闻资讯表**

<i>Name</i>	<i>Code</i>	<i>Entity 2</i>	<i>Entity 1</i>	<i>Dependent Role</i>	<i>Entity 1 -&gt; Entity 2 Role Cardinality</i>	<i>Entity 2 -&gt; Entity 1 Role Cardinality</i>
NEWS_REF_USER_1	NEWS_REF_USER_1	新闻资讯表	用户表		0,n	1,1
NEWS_REF_USER_2	NEWS_REF_USER_2	新闻资讯表	用户表		0,n	0,1

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
NEWS_REF_USER_1	NEWS_REF_USER_1	Relationship
NEWS_REF_USER_2	NEWS_REF_USER_2	Relationship

#### 5.1.7.6 List of attributes of the entity 新闻资讯表

<i>Name</i>	<i>Code</i>
新闻ID	id
新闻标题	title
内容	content
创建时间	date
状态	status
审核意见	audit_opinion

#### 5.1.7.7 Entity attribute 新闻ID of the entity 新闻资讯表

##### 5.1.7.7.1 Card of the entity attribute 新闻ID of the entity 新闻资讯表

<i>Name</i>	新闻ID
<i>Code</i>	id
<i>Data Type</i>	Serial (20)
<i>Mandatory</i>	Yes

##### 5.1.7.7.2 Check of the entity attribute 新闻ID of the entity 新闻资讯表

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### 5.1.7.7.3 Server validation rule of the entity attribute 新闻ID of the entity 新闻资讯表

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

##### 5.1.7.7.4 List of all dependencies of the entity attribute 新闻ID

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Identifier

#### 5.1.7.8 Entity attribute 新闻标题 of the entity 新闻资讯表

##### 5.1.7.8.1 Card of the entity attribute 新闻标题 of the entity 新闻资讯表

<i>Name</i>	新闻标题
<i>Code</i>	title
<i>Data Type</i>	Variable characters (20)
<i>Mandatory</i>	Yes

##### 5.1.7.8.2 Check of the entity attribute 新闻标题 of the entity 新闻资讯表

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	



Cannot Modify	No
List Of Values	

**5.1.7.8.3 Server validation rule of the entity attribute 新闻标题 of the entity 新闻资讯表**  
%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**5.1.7.9 Entity attribute 内容 of the entity 新闻资讯表**

**5.1.7.9.1 Card of the entity attribute 内容 of the entity 新闻资讯表**

Name	内容
Code	content
Data Type	Text
Mandatory	Yes

**5.1.7.9.2 Check of the entity attribute 内容 of the entity 新闻资讯表**

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

**5.1.7.9.3 Server validation rule of the entity attribute 内容 of the entity 新闻资讯表**  
%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**5.1.7.10 Entity attribute 创建时间 of the entity 新闻资讯表**

**5.1.7.10.1 Card of the entity attribute 创建时间 of the entity 新闻资讯表**

Name	创建时间
Code	date
Data Type	Date & Time
Mandatory	No

**5.1.7.10.2 Check of the entity attribute 创建时间 of the entity 新闻资讯表**

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

**5.1.7.10.3 Server validation rule of the entity attribute 创建时间 of the entity 新闻资讯表**  
%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**5.1.7.11 Entity attribute 状态 of the entity 新闻资讯表**

**5.1.7.11.1 Card of the entity attribute 状态 of the entity 新闻资讯表**

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

Mandatory	Yes
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5.1.7.11.2 Check of the entity attribute 状态 of the entity 新闻资讯表

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

5.1.7.11.3 Server validation rule of the entity attribute 状态 of the entity 新闻资讯表

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

5.1.7.12 Entity attribute 审核意见 of the entity 新闻资讯表

5.1.7.12.1 Card of the entity attribute 审核意见 of the entity 新闻资讯表

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

5.1.7.12.2 Check of the entity attribute 审核意见 of the entity 新闻资讯表

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

5.1.7.12.3 Server validation rule of the entity attribute 审核意见 of the entity 新闻资讯表

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

5.1.8 Entity 权限表

5.1.8.1 Card of entity 权限表

Name	权限表
Code	ct_permissions
Parent	Conceptual Data Model '国煤交易系统'
Generate	Yes
Number	

5.1.8.2 List of diagrams containing the entity 权限表

Name	Code
国煤交易系统	pdp

5.1.8.3 List of identifiers of the entity 权限表

Name	Code	Parent
Key_1	Key_1	Entity '权限表'

<i>Name</i>	<i>Code</i>	<i>Entity 2</i>	<i>Entity 1</i>	<i>Dependent Role</i>	<i>Entity 1 -&gt; Entity 2 Role Cardinality</i>	<i>Entity 2 -&gt; Entity 1 Role Cardinality</i>
角色权限关联表	ct_role_permission_relationships	权限表	角色表		0..*	0..*

**5.1.8.5 List of all dependencies of the entity 权限表**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
角色权限关联表	ct_role_permission_relationships	Relationship

**5.1.8.6 List of attributes of the entity 权限表**

<i>Name</i>	<i>Code</i>
权限ID	id
权限名	name

**5.1.8.7 Entity attribute 权限ID of the entity 权限表****5.1.8.7.1 Card of the entity attribute 权限ID of the entity 权限表**

<i>Name</i>	权限ID
<i>Code</i>	id
<i>Data Type</i>	Long integer
<i>Mandatory</i>	Yes

**5.1.8.7.2 Check of the entity attribute 权限ID of the entity 权限表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.8.7.3 Server validation rule of the entity attribute 权限ID of the entity 权限表**

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

**5.1.8.7.4 List of all dependencies of the entity attribute 权限ID**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Identifier

**5.1.8.8 Entity attribute 权限名 of the entity 权限表****5.1.8.8.1 Card of the entity attribute 权限名 of the entity 权限表**

<i>Name</i>	权限名
<i>Code</i>	name
<i>Data Type</i>	Variable characters (15)
<i>Mandatory</i>	No

**5.1.8.8.2 Check of the entity attribute 权限名 of the entity 权限表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	

<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### 5.1.8.8.3 Server validation rule of the entity attribute 权限名 of the entity 权限表

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

### 5.1.9 Entity 用户表

#### 5.1.9.1 Card of entity 用户表

<i>Name</i>	用户表
<i>Code</i>	ct_users
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Generate</i>	Yes
<i>Number</i>	

#### 5.1.9.2 List of diagrams containing the entity 用户表

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

#### 5.1.9.3 List of identifiers of the entity 用户表

<i>Name</i>	<i>Code</i>	<i>Parent</i>
Key_1	Key_1	Entity '用户表'

#### 5.1.9.4 List of relationships of the entity 用户表

<i>Name</i>	<i>Code</i>	<i>Entity 2</i>	<i>Entity 1</i>	<i>Dependent Role</i>	<i>Entity 1 -&gt; Entity 2 Role Cardinality</i>	<i>Entity 2 -&gt; Entity 1 Role Cardinality</i>
CU_REF_USER	CU_REF_USER	企业基本信息表	用户表	企业基本信息表 -> 用户表	0,n	1,1
FL_REF_USER	FL_REF_USER	资金变动记录表	用户表	资金变动记录表 -> 用户表	0,n	1,1
FU_REF_USER_1	FU_REF_USER_1	企业财务账户表	用户表	企业财务账户表 -> 用户表	0,n	1,1
FU_REF_USER_2	FU_REF_USER_2	企业财务账户表	用户表		0,n	0,1
NEWS_REF_USER_1	NEWS_REF_USER_1	新闻资讯表	用户表		0,n	1,1
NEWS_REF_USER_2	NEWS_REF_USER_2	新闻资讯表	用户表		0,n	0,1
ORDER_REF_USER	ORDER_REF_USER	订单表	用户表		0,n	0,1
REQ_REF_USER	REQ_REF_USER	挂牌需求表	用户表		0,n	0,1
REQ_REF_USER_2	REQ_REF_USER_2	挂牌需求表	用户表		0,n	0,1

<i>Name</i>	<i>Code</i>	<i>Entity 2</i>	<i>Entity 1</i>	<i>Dependent Role</i>	<i>Entity 1 -&gt; Entity 2 Role Cardinality</i>	<i>Entity 2 -&gt; Entity 1 Role Cardinality</i>
UF_REF_USER	UF_REF_USER	资金预存表	用户表		0,n	1,1
UM_REF_USER	UM_REF_USER	用户附加信息表	用户表		0,n	1,1
UM_REF_USER_1	UM_REF_USER_1	网站消息	用户表		0,n	0,1
UM_REF_USER_2	UM_REF_USER_2	网站消息	用户表		0,n	1,1
用户角色关联表	ct_user_role_relationships	角色表	用户表		0..*	0..*

#### 5.1.9.5 List of all dependencies of the entity 用户表

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
CU_REF_USER	CU_REF_USER	Relationship
FL_REF_USER	FL_REF_USER	Relationship
FU_REF_USER_1	FU_REF_USER_1	Relationship
FU_REF_USER_2	FU_REF_USER_2	Relationship
NEWS_REF_USER_1	NEWS_REF_USER_1	Relationship
NEWS_REF_USER_2	NEWS_REF_USER_2	Relationship
ORDER_REF_USER	ORDER_REF_USER	Relationship
REQ_REF_USER	REQ_REF_USER	Relationship
REQ_REF_USER_2	REQ_REF_USER_2	Relationship
UF_REF_USER	UF_REF_USER	Relationship
UM_REF_USER	UM_REF_USER	Relationship
UM_REF_USER_1	UM_REF_USER_1	Relationship
UM_REF_USER_2	UM_REF_USER_2	Relationship
用户角色关联表	ct_user_role_relationships	Relationship

#### 5.1.9.6 List of attributes of the entity 用户表

<i>Name</i>	<i>Code</i>
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

#### 5.1.9.7 Entity attribute 用户ID of the entity 用户表

##### 5.1.9.7.1 Card of the entity attribute 用户ID of the entity 用户表

<i>Name</i>	用户ID
<i>Code</i>	id
<i>Data Type</i>	Serial (20)
<i>Mandatory</i>	Yes

##### 5.1.9.7.2 Check of the entity attribute 用户ID of the entity 用户表

<i>Minimum Value</i>	
----------------------	--

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

5.1.9.7.3 Server validation rule of the entity attribute 用户ID of the entity 用户表

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

5.1.9.7.4 List of all dependencies of the entity attribute 用户ID

Name	Code	Class Name
Key_1	Key_1	Identifier

5.1.9.8 Entity attribute 登录名 of the entity 用户表

5.1.9.8.1 Card of the entity attribute 登录名 of the entity 用户表

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

5.1.9.8.2 Check of the entity attribute 登录名 of the entity 用户表

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

5.1.9.8.3 Server validation rule of the entity attribute 登录名 of the entity 用户表

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

5.1.9.9 Entity attribute 用户密码 of the entity 用户表

5.1.9.9.1 Card of the entity attribute 用户密码 of the entity 用户表

Name	用户密码
Code	pass
Data Type	Variable characters (100)
Mandatory	No

5.1.9.9.2 Check of the entity attribute 用户密码 of the entity 用户表

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

**5.1.9.9.3 Server validation rule of the entity attribute 用户密码 of the entity 用户表**  
%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**5.1.9.10 Entity attribute 用户昵称 of the entity 用户表**

**5.1.9.10.1 Card of the entity attribute 用户昵称 of the entity 用户表**

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

**5.1.9.10.2 Check of the entity attribute 用户昵称 of the entity 用户表**

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

**5.1.9.10.3 Server validation rule of the entity attribute 用户昵称 of the entity 用户表**  
%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**5.1.9.11 Entity attribute 用户邮箱 of the entity 用户表**

**5.1.9.11.1 Card of the entity attribute 用户邮箱 of the entity 用户表**

Name	用户邮箱
Code	email
Data Type	Variable characters (50)
Mandatory	Yes

**5.1.9.11.2 Check of the entity attribute 用户邮箱 of the entity 用户表**

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

**5.1.9.11.3 Server validation rule of the entity attribute 用户邮箱 of the entity 用户表**  
%MINMAX% and %LISTVAL% and %CASE% and %RULES%

**5.1.9.12 Entity attribute 创建时间 of the entity 用户表**

**5.1.9.12.1 Card of the entity attribute 创建时间 of the entity 用户表**

Name	创建时间
Code	registered
Data Type	Date & Time
Mandatory	No

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

5.1.9.12.3 Server validation rule of the entity attribute 创建时间 of the entity 用户表

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

5.1.9.13 Entity attribute 用户状态 of the entity 用户表

5.1.9.13.1 Card of the entity attribute 用户状态 of the entity 用户表

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

5.1.9.13.2 Check of the entity attribute 用户状态 of the entity 用户表

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

5.1.9.13.3 Server validation rule of the entity attribute 用户状态 of the entity 用户表

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

5.1.10 Entity 用户附加信息表

5.1.10.1 Card of entity 用户附加信息表

Name	用户附加信息表
Code	ct_usermeta
Parent	Conceptual Data Model '国煤交易系统'
Generate	Yes
Number	

5.1.10.2 List of diagrams containing the entity 用户附加信息表

Name	Code
国煤交易系统	pdp

5.1.10.3 List of identifiers of the entity 用户附加信息表

Name	Code	Parent
Key_1	Key_1	Entity '用户附加信息表'

5.1.10.4 List of relationships of the entity 用户附加信息表

Name	Code	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality



<i>Name</i>	<i>Code</i>	<i>Entity 2</i>	<i>Entity 1</i>	<i>Dependent Role</i>	<i>Entity 1 -&gt; Entity 2 Role Cardinality</i>	<i>Entity 2 -&gt; Entity 1 Role Cardinality</i>
UM_REF_USER	UM_REF_USER	用户附加信息表	用户表		0,n	1,1

**5.1.10.5 List of all dependencies of the entity 用户附加信息表**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
UM_REF_USER	UM_REF_USER	Relationship

**5.1.10.6 List of attributes of the entity 用户附加信息表**

<i>Name</i>	<i>Code</i>
元数据ID	id
键	mkey
值	mvalue

**5.1.10.7 Entity attribute 元数据ID of the entity 用户附加信息表****5.1.10.7.1 Card of the entity attribute 元数据ID of the entity 用户附加信息表**

<i>Name</i>	元数据ID
<i>Code</i>	id
<i>Data Type</i>	Serial (20)
<i>Mandatory</i>	Yes

**5.1.10.7.2 Check of the entity attribute 元数据ID of the entity 用户附加信息表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.10.7.3 Server validation rule of the entity attribute 元数据ID of the entity 用户附加信息表**

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

**5.1.10.7.4 List of all dependencies of the entity attribute 元数据ID**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Identifier

**5.1.10.8 Entity attribute 键 of the entity 用户附加信息表****5.1.10.8.1 Card of the entity attribute 键 of the entity 用户附加信息表**

<i>Name</i>	键
<i>Code</i>	mkey
<i>Data Type</i>	Variable characters (255)
<i>Mandatory</i>	Yes

**5.1.10.8.2 Check of the entity attribute 键 of the entity 用户附加信息表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	

<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### 5.1.10.8.3 Server validation rule of the entity attribute 键 of the entity 用户附加信息表

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

#### 5.1.10.9 Entity attribute 值 of the entity 用户附加信息表

##### 5.1.10.9.1 Card of the entity attribute 值 of the entity 用户附加信息表

<i>Name</i>	值
<i>Code</i>	mvalue
<i>Data Type</i>	Text
<i>Mandatory</i>	No

##### 5.1.10.9.2 Check of the entity attribute 值 of the entity 用户附加信息表

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### 5.1.10.9.3 Server validation rule of the entity attribute 值 of the entity 用户附加信息表

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

#### 5.1.11 Entity 网站消息

##### 5.1.11.1 Card of entity 网站消息

<i>Name</i>	网站消息
<i>Code</i>	ct_website_message
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Generate</i>	Yes
<i>Number</i>	

##### 5.1.11.2 List of diagrams containing the entity 网站消息

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

##### 5.1.11.3 List of identifiers of the entity 网站消息

<i>Name</i>	<i>Code</i>	<i>Parent</i>
Key_1	Key_1	Entity '网站消息'

##### 5.1.11.4 List of relationships of the entity 网站消息

<i>Name</i>	<i>Code</i>	<i>Entity 2</i>	<i>Entity 1</i>	<i>Dependent Role</i>	<i>Entity 1 -&gt; Entity 2 Role Cardinality</i>	<i>Entity 2 -&gt; Entity 1 Role Cardinality</i>
UM_REF_USER_1	UM_REF_USER_1	网站消息	用户表		0,n	0,1

<i>Name</i>	<i>Code</i>	<i>Entity 2</i>	<i>Entity 1</i>	<i>Dependent Role</i>	<i>Entity 1 -&gt; Entity 2 Role Cardinality</i>	<i>Entity 2 -&gt; Entity 1 Role Cardinality</i>
UM_REF_USER_2	UM_REF_USER_2	网站消息	用户表		0,n	1,1

**5.1.11.5 List of all dependencies of the entity 网站消息**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
UM_REF_USER_1	UM_REF_USER_1	Relationship
UM_REF_USER_2	UM_REF_USER_2	Relationship

**5.1.11.6 List of attributes of the entity 网站消息**

<i>Name</i>	<i>Code</i>
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
发信人用户名	from_username
收信人用户名	to_username
是否已读	read_status

**5.1.11.7 Entity attribute 新闻ID of the entity 网站消息****5.1.11.7.1 Card of the entity attribute 新闻ID of the entity 网站消息**

<i>Name</i>	新闻ID
<i>Code</i>	id
<i>Data Type</i>	Serial (20)
<i>Mandatory</i>	Yes

**5.1.11.7.2 Check of the entity attribute 新闻ID of the entity 网站消息**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.11.7.3 Server validation rule of the entity attribute 新闻ID of the entity 网站消息**

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

**5.1.11.7.4 List of all dependencies of the entity attribute 新闻ID**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Identifier

**5.1.11.8 Entity attribute 站内信标题 of the entity 网站消息****5.1.11.8.1 Card of the entity attribute 站内信标题 of the entity 网站消息**

<i>Name</i>	站内信标题
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<i>Code</i>	title
<i>Data Type</i>	Variable characters (50)
<i>Mandatory</i>	Yes

#### **5.1.11.8.2 Check of the entity attribute 站内信标题 of the entity 网站消息**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **5.1.11.8.3 Server validation rule of the entity attribute 站内信标题 of the entity 网站消息**

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

#### **5.1.11.9 Entity attribute 站内信内容 of the entity 网站消息**

##### **5.1.11.9.1 Card of the entity attribute 站内信内容 of the entity 网站消息**

<i>Name</i>	站内信内容
<i>Code</i>	content
<i>Data Type</i>	Variable characters (1024)
<i>Mandatory</i>	Yes

##### **5.1.11.9.2 Check of the entity attribute 站内信内容 of the entity 网站消息**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.11.9.3 Server validation rule of the entity attribute 站内信内容 of the entity 网站消息**

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

#### **5.1.11.10 Entity attribute 修改时间 of the entity 网站消息**

##### **5.1.11.10.1 Card of the entity attribute 修改时间 of the entity 网站消息**

<i>Name</i>	修改时间
<i>Code</i>	modified
<i>Data Type</i>	Date & Time
<i>Mandatory</i>	No

##### **5.1.11.10.2 Check of the entity attribute 修改时间 of the entity 网站消息**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No

List Of Values	
----------------	--

**5.1.11.10.3 Server validation rule of the entity attribute 修改时间 of the entity 网站消息**

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

**5.1.11.11 Entity attribute 消息类型 of the entity 网站消息**

**5.1.11.11.1 Card of the entity attribute 消息类型 of the entity 网站消息**

Name	消息类型
Code	msg_type
Data Type	Short integer
Mandatory	Yes

**5.1.11.11.2 Check of the entity attribute 消息类型 of the entity 网站消息**

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

**5.1.11.11.3 Server validation rule of the entity attribute 消息类型 of the entity 网站消息**

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

**5.1.11.12 Entity attribute 发信时间 of the entity 网站消息**

**5.1.11.12.1 Card of the entity attribute 发信时间 of the entity 网站消息**

Name	发信时间
Code	created
Data Type	Date & Time
Mandatory	No

**5.1.11.12.2 Check of the entity attribute 发信时间 of the entity 网站消息**

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

**5.1.11.12.3 Server validation rule of the entity attribute 发信时间 of the entity 网站消息**

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

**5.1.11.13 Entity attribute 发信人用户名 of the entity 网站消息**

**5.1.11.13.1 Card of the entity attribute 发信人用户名 of the entity 网站消息**

Name	发信人用户名
Code	from_username
Data Type	Variable characters (128)
Mandatory	No

5.1.11.13.2 Check of the entity attribute 发信人用户名 of the entity 网站消息

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

5.1.11.13.3 Server validation rule of the entity attribute 发信人用户名 of the entity 网站消息

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

5.1.11.14 Entity attribute 收信人用户名 of the entity 网站消息

5.1.11.14.1 Card of the entity attribute 收信人用户名 of the entity 网站消息

Name	收信人用户名
Code	to_username
Data Type	Variable characters (128)
Mandatory	No

5.1.11.14.2 Check of the entity attribute 收信人用户名 of the entity 网站消息

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

5.1.11.14.3 Server validation rule of the entity attribute 收信人用户名 of the entity 网站消息

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

5.1.11.15 Entity attribute 是否已读 of the entity 网站消息

5.1.11.15.1 Card of the entity attribute 是否已读 of the entity 网站消息

Name	是否已读
Code	read_status
Data Type	enum('1','2')
Mandatory	Yes

5.1.11.15.2 Check of the entity attribute 是否已读 of the entity 网站消息

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

5.1.11.15.3 Server validation rule of the entity attribute 是否已读 of the entity 网站消息

**5.1.12 Entity 角色表****5.1.12.1 Card of entity 角色表**

<i>Name</i>	角色表
<i>Code</i>	ct_userrole
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Generate</i>	Yes
<i>Number</i>	

**5.1.12.2 List of diagrams containing the entity 角色表**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**5.1.12.3 List of identifiers of the entity 角色表**

<i>Name</i>	<i>Code</i>	<i>Parent</i>
Key_1	Key_1	Entity '角色表'

**5.1.12.4 List of relationships of the entity 角色表**

<i>Name</i>	<i>Code</i>	<i>Entity 2</i>	<i>Entity 1</i>	<i>Dependent Role</i>	<i>Entity 1 -&gt; Entity 2 Role Cardinality</i>	<i>Entity 2 -&gt; Entity 1 Role Cardinality</i>
用户角色关联表	ct_user_role_relationships	角色表	用户表		0..*	0..*
角色权限关联表	ct_role_permission_relationships	权限表	角色表		0..*	0..*

**5.1.12.5 List of all dependencies of the entity 角色表**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
用户角色关联表	ct_user_role_relationships	Relationship
角色权限关联表	ct_role_permission_relationships	Relationship

**5.1.12.6 List of attributes of the entity 角色表**

<i>Name</i>	<i>Code</i>
角色ID	id
角色标记	mark
角色名	name
角色类型	type

**5.1.12.7 Entity attribute 角色ID of the entity 角色表****5.1.12.7.1 Card of the entity attribute 角色ID of the entity 角色表**

<i>Name</i>	角色ID
<i>Code</i>	id
<i>Data Type</i>	Long integer
<i>Mandatory</i>	Yes

**5.1.12.7.2 Check of the entity attribute 角色ID of the entity 角色表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	

Unit	
Format	
Cannot Modify	No
List Of Values	

5.1.12.7.3 Server validation rule of the entity attribute 角色ID of the entity 角色表

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

5.1.12.7.4 List of all dependencies of the entity attribute 角色ID

Name	Code	Class Name
Key_1	Key_1	Identifier

5.1.12.8 Entity attribute 角色标记 of the entity 角色表

5.1.12.8.1 Card of the entity attribute 角色标记 of the entity 角色表

Name	角色标记
Code	mark
Data Type	Variable characters (20)
Mandatory	No

5.1.12.8.2 Check of the entity attribute 角色标记 of the entity 角色表

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

5.1.12.8.3 Server validation rule of the entity attribute 角色标记 of the entity 角色表

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

5.1.12.9 Entity attribute 角色名 of the entity 角色表

5.1.12.9.1 Card of the entity attribute 角色名 of the entity 角色表

Name	角色名
Code	name
Data Type	Variable characters (20)
Mandatory	No

5.1.12.9.2 Check of the entity attribute 角色名 of the entity 角色表

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

5.1.12.9.3 Server validation rule of the entity attribute 角色名 of the entity 角色表

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



**5.1.12.10 Entity attribute 角色类型 of the entity 角色表****5.1.12.10.1 Card of the entity attribute 角色类型 of the entity 角色表**

<i>Name</i>	角色类型
<i>Code</i>	type
<i>Data Type</i>	Variable characters (10)
<i>Mandatory</i>	No

**5.1.12.10.2 Check of the entity attribute 角色类型 of the entity 角色表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.12.10.3 Server validation rule of the entity attribute 角色类型 of the entity 角色表**

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

**5.1.13 Entity 订单表****5.1.13.1 Card of entity 订单表**

<i>Name</i>	订单表
<i>Code</i>	ct_order
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Generate</i>	Yes
<i>Number</i>	

**5.1.13.2 List of diagrams containing the entity 订单表**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**5.1.13.3 List of identifiers of the entity 订单表**

<i>Name</i>	<i>Code</i>	<i>Parent</i>
Key_1	Key_1	Entity '订单表'

**5.1.13.4 List of relationships of the entity 订单表**

<i>Name</i>	<i>Code</i>	<i>Entity 2</i>	<i>Entity 1</i>	<i>Dependent Role</i>	<i>Entity 1 -&gt; Entity 2 Role Cardinality</i>	<i>Entity 2 -&gt; Entity 1 Role Cardinality</i>
ORDER_REF_REQ	ORDER_REF_REQ	订单表	挂牌需求表		0,n	0,1
ORDER_REF_USER	ORDER_REF_USER	订单表	用户表		0,n	0,1

**5.1.13.5 List of all dependencies of the entity 订单表**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
ORDER_REF_REQ	ORDER_REF_REQ	Relationship
ORDER_REF_USER	ORDER_REF_USER	Relationship

Name	Code
订单ID	id
订单号	num
创建时间	created_time
订单状态	status

5.1.13.7 Entity attribute 订单ID of the entity 订单表

5.1.13.7.1 Card of the entity attribute 订单ID of the entity 订单表

Name	订单ID
Code	id
Data Type	Serial (20)
Mandatory	Yes

5.1.13.7.2 Check of the entity attribute 订单ID of the entity 订单表

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

5.1.13.7.3 Server validation rule of the entity attribute 订单ID of the entity 订单表

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

5.1.13.7.4 List of all dependencies of the entity attribute 订单ID

Name	Code	Class Name
Key_1	Key_1	Identifier

5.1.13.8 Entity attribute 订单号 of the entity 订单表

5.1.13.8.1 Card of the entity attribute 订单号 of the entity 订单表

Name	订单号
Code	num
Data Type	Variable characters (30)
Mandatory	Yes

5.1.13.8.2 Check of the entity attribute 订单号 of the entity 订单表

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

5.1.13.8.3 Server validation rule of the entity attribute 订单号 of the entity 订单表

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

5.1.13.9 Entity attribute 创建时间 of the entity 订单表

**5.1.13.9.1 Card of the entity attribute 创建时间 of the entity 订单表**

<i>Name</i>	创建时间
<i>Code</i>	created_time
<i>Data Type</i>	Date & Time
<i>Mandatory</i>	No

**5.1.13.9.2 Check of the entity attribute 创建时间 of the entity 订单表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.13.9.3 Server validation rule of the entity attribute 创建时间 of the entity 订单表**

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

**5.1.13.10 Entity attribute 订单状态 of the entity 订单表****5.1.13.10.1 Card of the entity attribute 订单状态 of the entity 订单表**

<i>Name</i>	订单状态
<i>Code</i>	status
<i>Data Type</i>	enum('1','2','3','4')
<i>Mandatory</i>	Yes

**5.1.13.10.2 Check of the entity attribute 订单状态 of the entity 订单表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.13.10.3 Server validation rule of the entity attribute 订单状态 of the entity 订单表**

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

**5.1.14 Entity 资金变动记录表****5.1.14.1 Card of entity 资金变动记录表**

<i>Name</i>	资金变动记录表
<i>Code</i>	ct_finance_log
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Generate</i>	Yes
<i>Number</i>	

**5.1.14.2 List of diagrams containing the entity 资金变动记录表**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**5.1.14.3 List of relationships of the entity 资金变动记录表**

Name	Code	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
FL_REF_USER	FL_REF_USER	资金变动记录表	用户表	资金变动记录表 -> 用户表	0,n	1,1

**5.1.14.4 List of all dependencies of the entity 资金变动记录表**

Name	Code	Class Name
FL_REF_USER	FL_REF_USER	Relationship

**5.1.14.5 List of attributes of the entity 资金变动记录表**

Name	Code
变动时间	date
变动操作	type
金额数量	quantity

**5.1.14.6 Entity attribute 变动时间 of the entity 资金变动记录表****5.1.14.6.1 Card of the entity attribute 变动时间 of the entity 资金变动记录表**

Name	变动时间
Code	date
Data Type	Date & Time
Mandatory	No

**5.1.14.6.2 Check of the entity attribute 变动时间 of the entity 资金变动记录表**

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

**5.1.14.6.3 Server validation rule of the entity attribute 变动时间 of the entity 资金变动记录表**

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

**5.1.14.7 Entity attribute 变动操作 of the entity 资金变动记录表****5.1.14.7.1 Card of the entity attribute 变动操作 of the entity 资金变动记录表**

Name	变动操作
Code	type
Data Type	enum('1','2','3')
Mandatory	No

**5.1.14.7.2 Check of the entity attribute 变动操作 of the entity 资金变动记录表**

Minimum Value	
Maximum Value	
Default Value	

Unit	
Format	
Cannot Modify	No
List Of Values	

#### 5.1.14.7.3 Server validation rule of the entity attribute 变动操作 of the entity 资金变动记录表

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

#### 5.1.14.8 Entity attribute 金额数量 of the entity 资金变动记录表

##### 5.1.14.8.1 Card of the entity attribute 金额数量 of the entity 资金变动记录表

Name	金额数量
Code	quantity
Data Type	Decimal (10,2)
Mandatory	No

##### 5.1.14.8.2 Check of the entity attribute 金额数量 of the entity 资金变动记录表

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

##### 5.1.14.8.3 Server validation rule of the entity attribute 金额数量 of the entity 资金变动记录表

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

#### 5.1.15 Entity 资金预存表

##### 5.1.15.1 Card of entity 资金预存表

Name	资金预存表
Code	ct_finance_store
Parent	Conceptual Data Model '国煤交易系统'
Generate	Yes
Number	

##### 5.1.15.2 List of diagrams containing the entity 资金预存表

Name	Code
国煤交易系统	pdp

##### 5.1.15.3 List of identifiers of the entity 资金预存表

Name	Code	Parent
Key_1	Key_1	Entity '资金预存表'

##### 5.1.15.4 List of relationships of the entity 资金预存表

Name	Code	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
UF_REF_USER	UF_REF_USER	资金预存表	用户表		0,n	1,1

**5.1.15.5 List of all dependencies of the entity 资金预存表**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
UF_REF_USER	UF_REF_USER	Relationship

**5.1.15.6 List of attributes of the entity 资金预存表**

<i>Name</i>	<i>Code</i>
预存ID	id
提交时间	date
金额数量	quantity
交易凭证（文件）	cert
预存状态	status

**5.1.15.7 Entity attribute 预存ID of the entity 资金预存表****5.1.15.7.1 Card of the entity attribute 预存ID of the entity 资金预存表**

<i>Name</i>	预存ID
<i>Code</i>	id
<i>Data Type</i>	Serial (20)
<i>Mandatory</i>	Yes

**5.1.15.7.2 Check of the entity attribute 预存ID of the entity 资金预存表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

**5.1.15.7.3 Server validation rule of the entity attribute 预存ID of the entity 资金预存表**

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

**5.1.15.7.4 List of all dependencies of the entity attribute 预存ID**

<i>Name</i>	<i>Code</i>	<i>Class Name</i>
Key_1	Key_1	Identifier

**5.1.15.8 Entity attribute 提交时间 of the entity 资金预存表****5.1.15.8.1 Card of the entity attribute 提交时间 of the entity 资金预存表**

<i>Name</i>	提交时间
<i>Code</i>	date
<i>Data Type</i>	Date & Time
<i>Mandatory</i>	No

**5.1.15.8.2 Check of the entity attribute 提交时间 of the entity 资金预存表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	CURRENT_TIMESTAMP
<i>Unit</i>	
<i>Format</i>	

<i>Cannot Modify</i>	No
<i>List Of Values</i>	

#### **5.1.15.8.3 Server validation rule of the entity attribute 提交时间 of the entity 资金预存表**

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

#### **5.1.15.9 Entity attribute 金额数量 of the entity 资金预存表**

##### **5.1.15.9.1 Card of the entity attribute 金额数量 of the entity 资金预存表**

<i>Name</i>	金额数量
<i>Code</i>	quantity
<i>Data Type</i>	Decimal (10,2)
<i>Mandatory</i>	No

##### **5.1.15.9.2 Check of the entity attribute 金额数量 of the entity 资金预存表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.15.9.3 Server validation rule of the entity attribute 金额数量 of the entity 资金预存表**

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

#### **5.1.15.10 Entity attribute 交易凭证（文件） of the entity 资金预存表**

##### **5.1.15.10.1 Card of the entity attribute 交易凭证（文件） of the entity 资金预存表**

<i>Name</i>	交易凭证（文件）
<i>Code</i>	cert
<i>Data Type</i>	Variable characters (255)
<i>Mandatory</i>	No

##### **5.1.15.10.2 Check of the entity attribute 交易凭证（文件） of the entity 资金预存表**

<i>Minimum Value</i>	
<i>Maximum Value</i>	
<i>Default Value</i>	
<i>Unit</i>	
<i>Format</i>	
<i>Cannot Modify</i>	No
<i>List Of Values</i>	

##### **5.1.15.10.3 Server validation rule of the entity attribute 交易凭证（文件） of the entity 资金预存表**

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

#### **5.1.15.11 Entity attribute 预存状态 of the entity 资金预存表**

##### **5.1.15.11.1 Card of the entity attribute 预存状态 of the entity 资金预存表**

<i>Name</i>	预存状态
<i>Code</i>	status
<i>Data Type</i>	enum('1','2','3')

Mandatory	No
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5.1.15.11.2 Check of the entity attribute 预存状态 of the entity 资金预存表

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

5.1.15.11.3 Server validation rule of the entity attribute 预存状态 of the entity 资金预存表

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



## 6 Relationship

### 6.1 Model level relationships

#### 6.1.1 List of relationships

<i>Name</i>	<i>Code</i>	<i>Parent</i>	<i>Entity 2</i>	<i>Entity 1</i>
CU_REF_USER	CU_REF_USER	Conceptual Data Model '国煤交易系统'	企业基本信息表	用户表
FL_REF_USER	FL_REF_USER	Conceptual Data Model '国煤交易系统'	资金变动记录表	用户表
FU_REF_USER_1	FU_REF_USER_1	Conceptual Data Model '国煤交易系统'	企业财务账户表	用户表
FU_REF_USER_2	FU_REF_USER_2	Conceptual Data Model '国煤交易系统'	企业财务账户表	用户表
NEWS_REF_USER_1	NEWS_REF_USER_1	Conceptual Data Model '国煤交易系统'	新闻资讯表	用户表
NEWS_REF_USER_2	NEWS_REF_USER_2	Conceptual Data Model '国煤交易系统'	新闻资讯表	用户表
ORDER_REF_REQ	ORDER_REF_REQ	Conceptual Data Model '国煤交易系统'	订单表	挂牌需求表
ORDER_REF_USER	ORDER_REF_USER	Conceptual Data Model '国煤交易系统'	订单表	用户表
REQ_REF_USER	REQ_REF_USER	Conceptual Data Model '国煤交易系统'	挂牌需求表	用户表
REQ_REF_USER_2	REQ_REF_USER_2	Conceptual Data Model '国煤交易系统'	挂牌需求表	用户表
RZ_REF_ZP	RZ_REF_ZP	Conceptual Data Model '国煤交易系统'	挂牌需求表	摘牌表
UF_REF_USER	UF_REF_USER	Conceptual Data Model '国煤交易系统'	资金预存表	用户表
UM_REF_USER	UM_REF_USER	Conceptual Data Model '国煤交易系统'	用户附加信息表	用户表
UM_REF_USER_1	UM_REF_USER_1	Conceptual Data Model '国煤交易系统'	网站消息	用户表
UM_REF_USER_2	UM_REF_USER_2	Conceptual Data Model '国煤交易系统'	网站消息	用户表
用户角色关联表	ct_user_role_relationships	Conceptual Data Model '国煤交易系统'	角色表	用户表

<i>Name</i>	<i>Code</i>	<i>Parent</i>	<i>Entity 2</i>	<i>Entity 1</i>
角色权限关联表	ct_role_permission_relationships	Conceptual Data Model '国煤交易系统'	权限表	角色表

### 6.1.2 Relationship CU\_REF\_USER

#### 6.1.2.1 Card of relationship CU\_REF\_USER

<i>Name</i>	CU_REF_USER
<i>Code</i>	CU_REF_USER
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	企业基本信息表
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

#### 6.1.2.2 List of diagrams containing the relationship CU\_REF\_USER

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

### 6.1.3 Relationship FL\_REF\_USER

#### 6.1.3.1 Card of relationship FL\_REF\_USER

<i>Name</i>	FL_REF_USER
<i>Code</i>	FL_REF_USER
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	资金变动记录表
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

#### 6.1.3.2 List of diagrams containing the relationship FL\_REF\_USER

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

### 6.1.4 Relationship FU\_REF\_USER\_1

#### 6.1.4.1 Card of relationship FU\_REF\_USER\_1

<i>Name</i>	FU_REF_USER_1
<i>Code</i>	FU_REF_USER_1
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	企业财务账户表
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

#### 6.1.4.2 List of diagrams containing the relationship FU\_REF\_USER\_1

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

### 6.1.5 Relationship FU\_REF\_USER\_2

**6.1.5.1 Card of relationship FU\_REF\_USER\_2**

<i>Name</i>	FU_REF_USER_2
<i>Code</i>	FU_REF_USER_2
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	企业财务账户表
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

**6.1.5.2 List of diagrams containing the relationship FU\_REF\_USER\_2**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**6.1.6 Relationship NEWS\_REF\_USER\_1****6.1.6.1 Card of relationship NEWS\_REF\_USER\_1**

<i>Name</i>	NEWS_REF_USER_1
<i>Code</i>	NEWS_REF_USER_1
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	新闻资讯表
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

**6.1.6.2 List of diagrams containing the relationship NEWS\_REF\_USER\_1**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**6.1.7 Relationship NEWS\_REF\_USER\_2****6.1.7.1 Card of relationship NEWS\_REF\_USER\_2**

<i>Name</i>	NEWS_REF_USER_2
<i>Code</i>	NEWS_REF_USER_2
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	新闻资讯表
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

**6.1.7.2 List of diagrams containing the relationship NEWS\_REF\_USER\_2**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**6.1.8 Relationship ORDER\_REF\_REQ****6.1.8.1 Card of relationship ORDER\_REF\_REQ**

<i>Name</i>	ORDER_REF_REQ
<i>Code</i>	ORDER_REF_REQ
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	订单表

<i>Entity 1</i>	挂牌需求表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

**6.1.8.2 List of diagrams containing the relationship ORDER\_REF\_REQ**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**6.1.9 Relationship ORDER\_REF\_USER****6.1.9.1 Card of relationship ORDER\_REF\_USER**

<i>Name</i>	ORDER_REF_USER
<i>Code</i>	ORDER_REF_USER
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	订单表
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

**6.1.9.2 List of diagrams containing the relationship ORDER\_REF\_USER**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**6.1.10 Relationship REQ\_REF\_USER****6.1.10.1 Card of relationship REQ\_REF\_USER**

<i>Name</i>	REQ_REF_USER
<i>Code</i>	REQ_REF_USER
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	挂牌需求表
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

**6.1.10.2 List of diagrams containing the relationship REQ\_REF\_USER**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**6.1.11 Relationship REQ\_REF\_USER\_2****6.1.11.1 Card of relationship REQ\_REF\_USER\_2**

<i>Name</i>	REQ_REF_USER_2
<i>Code</i>	REQ_REF_USER_2
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	挂牌需求表
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

**6.1.12 Relationship RZ\_REF\_ZP**

**6.1.12.1 Card of relationship RZ\_REF\_ZP**

<i>Name</i>	RZ_REF_ZP
<i>Code</i>	RZ_REF_ZP
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	挂牌需求表
<i>Entity 1</i>	摘牌表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

**6.1.12.2 List of diagrams containing the relationship RZ\_REF\_ZP**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**6.1.13 Relationship UF\_REF\_USER****6.1.13.1 Card of relationship UF\_REF\_USER**

<i>Name</i>	UF_REF_USER
<i>Code</i>	UF_REF_USER
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	资金预存表
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

**6.1.13.2 List of diagrams containing the relationship UF\_REF\_USER**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**6.1.14 Relationship UM\_REF\_USER****6.1.14.1 Card of relationship UM\_REF\_USER**

<i>Name</i>	UM_REF_USER
<i>Code</i>	UM_REF_USER
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	用户附加信息表
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

**6.1.14.2 List of diagrams containing the relationship UM\_REF\_USER**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**6.1.15 Relationship UM\_REF\_USER\_1****6.1.15.1 Card of relationship UM\_REF\_USER\_1**

<i>Name</i>	UM_REF_USER_1
<i>Code</i>	UM_REF_USER_1
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	网站消息

<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

**6.1.15.2 List of diagrams containing the relationship UM\_REF\_USER\_1**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**6.1.16 Relationship UM\_REF\_USER\_2****6.1.16.1 Card of relationship UM\_REF\_USER\_2**

<i>Name</i>	UM_REF_USER_2
<i>Code</i>	UM_REF_USER_2
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	网站消息
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	One - Many

**6.1.16.2 List of diagrams containing the relationship UM\_REF\_USER\_2**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**6.1.17 Relationship 用户角色关联表****6.1.17.1 Card of relationship 用户角色关联表**

<i>Name</i>	用户角色关联表
<i>Code</i>	ct_user_role_relationships
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	角色表
<i>Entity 1</i>	用户表
<i>Generate</i>	Yes
<i>Relationship Type</i>	Many - Many

**6.1.17.2 List of diagrams containing the relationship 用户角色关联表**

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp

**6.1.18 Relationship 角色权限关联表****6.1.18.1 Card of relationship 角色权限关联表**

<i>Name</i>	角色权限关联表
<i>Code</i>	ct_role_permission_relationships
<i>Parent</i>	Conceptual Data Model '国煤交易系统'
<i>Entity 2</i>	权限表
<i>Entity 1</i>	角色表
<i>Generate</i>	Yes
<i>Relationship Type</i>	Many - Many

**6.1.18.2 List of diagrams containing the relationship 角色权限关联表**

<i>Name</i>	<i>Code</i>
-------------	-------------

<i>Name</i>	<i>Code</i>
国煤交易系统	pdp