外部实体表：  
CREATE TABLE `external\_entity` (

`created` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP,

`modified` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

`id` int NOT NULL AUTO\_INCREMENT,

`source\_id` int NOT NULL,

`name` varchar(200) NOT NULL,

`type` varchar(12) NOT NULL,

`parent\_name` varchar(200) DEFAULT NULL,

`relations` json NOT NULL,

`original` json NOT NULL,

`claims` json NOT NULL,

`last\_seen` datetime NOT NULL,

`resource\_urn` varchar(32) CHARACTER SET ascii COLLATE ascii\_general\_ci NOT NULL,

`union\_id` varchar(64) CHARACTER SET ascii COLLATE ascii\_general\_ci NOT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `idx\_src\_type\_name` (`source\_id`,`type`,`name`),

UNIQUE KEY `uni\_union\_id` (`source\_id`,`type`,`union\_id`),

KEY `idx\_resource` (`resource\_urn`),

CONSTRAINT `external\_entity\_ibfk\_1` FOREIGN KEY (`source\_id`) REFERENCES `source` (`id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

## 认证来源表

CREATE TABLE `source` (

`created` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP,

`modified` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

`id` int NOT NULL AUTO\_INCREMENT,

`name` varchar(24) NOT NULL,

`adapter\_type` varchar(20) NOT NULL,

`adapter\_options` json NOT NULL,

`mapper\_id` varchar(32) CHARACTER SET ascii COLLATE ascii\_general\_ci DEFAULT NULL,

`mapper\_options` json NOT NULL,

`hidden` tinyint(1) NOT NULL,

`builtin` tinyint(1) NOT NULL,

`register\_account` tinyint(1) NOT NULL,

`archived` tinyint(1) NOT NULL,

`enabled` tinyint(1) NOT NULL,

PRIMARY KEY (`id`)

) ENGINE=InnoDB AUTO\_INCREMENT=9 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

## Account表

CREATE TABLE `account` (

`created` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP,

`modified` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

`id` int NOT NULL AUTO\_INCREMENT,

`unique\_id` varchar(16) CHARACTER SET ascii COLLATE ascii\_general\_ci NOT NULL,

`expiry\_time` datetime DEFAULT NULL,

`login\_name` varchar(24) CHARACTER SET ascii COLLATE ascii\_general\_ci DEFAULT NULL,

`password` tinyblob,

`last\_password\_change` datetime DEFAULT NULL,

`status` varchar(21) NOT NULL,

`fullname` varchar(32) DEFAULT NULL,

`mobile` varchar(18) CHARACTER SET ascii COLLATE ascii\_general\_ci DEFAULT NULL,

`mobile\_verified` datetime DEFAULT NULL,

`email` varchar(128) DEFAULT NULL,

`email\_verified` datetime DEFAULT NULL,

`source\_urn` varchar(16) CHARACTER SET ascii COLLATE ascii\_general\_ci NOT NULL,

`external\_id` int DEFAULT NULL,

`disabled` tinyint(1) NOT NULL,

`archived` tinyint(1) NOT NULL,

`attributes` json NOT NULL,

`creator\_id` int DEFAULT NULL,

PRIMARY KEY (`id`),

KEY `external\_id` (`external\_id`),

KEY `idx\_source` (`source\_urn`,`archived`),

KEY `idx\_login` (`login\_name`,`archived`),

KEY `idx\_unique` (`unique\_id`,`archived`),

CONSTRAINT `account\_ibfk\_1` FOREIGN KEY (`external\_id`) REFERENCES `external\_entity` (`id`)

) ENGINE=InnoDB AUTO\_INCREMENT=4 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;