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```
MariaDB [app_localization_service]> show tables;;
+------------------------------------+
| Tables_in_app_localization_service |
+------------------------------------+
| localization                       |
| localizedValue                     |
| organization                       |
| permission                         |
| product                            |
| user                               |
| user_organization                  |
| user_permission                    |
+------------------------------------+
8 rows in set (0.02 sec)
```

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```
CREATE TABLE `localization` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `organizationId` int(11) NOT NULL,
  `productId` int(11) NOT NULL,
  `locale` varchar(25) CHARACTER SET utf8mb4 COLLATE
utf8mb4_unicode_ci DEFAULT NULL,
  `name` varchar(255) NOT NULL,
  PRIMARY KEY (`id`),
  KEY `organizationId` (`organizationId`),
  KEY `productId` (`productId`),
  CONSTRAINT `localization_ibfk_1` FOREIGN KEY
(`organizationId`) REFERENCES `organization` (`id`),
  CONSTRAINT `localization_ibfk_2` FOREIGN KEY
(`productId`) REFERENCES `product` (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=10 DEFAULT CHARSET=utf8;
```

```
CREATE TABLE `localizedValue` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `localizationId` int(11) NOT NULL,
  `localizationKey` varchar(255) DEFAULT NULL,
  `localizationValue` text,
  `deleted` int(11) NOT NULL DEFAULT '0',
  `hidden` int(11) NOT NULL DEFAULT '0',
  PRIMARY KEY (`id`),
  KEY `localizationId` (`localizationId`),
  CONSTRAINT `localizedValue_ibfk_1` FOREIGN KEY
(`localizationId`) REFERENCES `localization` (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=utf8;
```

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```
CREATE TABLE `organization` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `orgname` varchar(255) CHARACTER SET utf8mb4 COLLATE
utf8mb4_unicode_ci DEFAULT NULL,
  `apiKey` varchar(255) CHARACTER SET utf8mb4 COLLATE
utf8mb4_unicode_ci DEFAULT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=utf8;
```

```
CREATE TABLE `organization_product` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `organizationId` int(11) NOT NULL,
  `productId` int(11) NOT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY `organization_product_idx`
(`organizationId`,`productId`),
  KEY `productId` (`productId`),
  CONSTRAINT `organization_product_ibfk_1` FOREIGN KEY
(`organizationId`) REFERENCES `organization` (`id`),
  CONSTRAINT `organization_product_ibfk_2` FOREIGN KEY
(`productId`) REFERENCES `product` (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=8 DEFAULT CHARSET=utf8;
```

```
CREATE TABLE `permission` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `type` varchar(255) CHARACTER SET utf8mb4 COLLATE
utf8mb4_unicode_ci NOT NULL,
  `organizationId` int(11) NOT NULL,
  `productId` int(11) NOT NULL,
  PRIMARY KEY (`id`),
  KEY `productId` (`productId`),
  KEY `organizationId` (`organizationId`,`productId`),
  CONSTRAINT `permission_ibfk_1` FOREIGN KEY
(`organizationId`) REFERENCES `organization` (`id`),
  CONSTRAINT `permission_ibfk_2` FOREIGN KEY (`productId`)
REFERENCES `product` (`id`),
  CONSTRAINT `permission_ibfk_3` FOREIGN KEY
(`organizationId`, `productId`) REFERENCES
`organization_product` (`organizationId`, `productId`)
) ENGINE=InnoDB AUTO_INCREMENT=5 DEFAULT CHARSET=utf8;
```

```
CREATE TABLE `product` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `productname` varchar(255) DEFAULT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=12 DEFAULT CHARSET=utf8;
```

```
CREATE TABLE `user` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `firstName` varchar(255) CHARACTER SET utf8mb4 COLLATE
utf8mb4_unicode_ci NOT NULL,
  `lastName` varchar(255) CHARACTER SET utf8mb4 COLLATE
utf8mb4_unicode_ci NOT NULL,
  `screenName` varchar(255) CHARACTER SET utf8mb4 COLLATE
utf8mb4_unicode_ci NOT NULL,
  `Â´isSystemAdminÂ´` bit(1) DEFAULT b'0',
  PRIMARY KEY (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8;
```

```
CREATE TABLE `user_organization` (
  `userId` int(11) NOT NULL,
  `organizationId` int(11) NOT NULL,
  PRIMARY KEY (`userId`,`organizationId`),
  KEY `organizationId` (`organizationId`),
  CONSTRAINT `user_organization_ibfk_1` FOREIGN KEY
(`userId`) REFERENCES `user` (`id`),
  CONSTRAINT `user_organization_ibfk_2` FOREIGN KEY
(`organizationId`) REFERENCES `organization` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

```
CREATE TABLE `user_permission` (
  `userId` int(11) NOT NULL,
  `permissionId` int(11) NOT NULL,
  PRIMARY KEY (`userId`,`permissionId`),
  KEY `permissionId` (`permissionId`),
  CONSTRAINT `user_permission_ibfk_1` FOREIGN KEY
(`userId`) REFERENCES `user` (`id`),
  CONSTRAINT `user_permission_ibfk_2` FOREIGN KEY
(`permissionId`) REFERENCES `permission` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```