EVE Command User Info Database Structure

This document contains the data base structure for the EVE Command user info database.

# Data types

The following data types will be used. They are taken from the SQL Server Compact 3.5 documentation.

|  |  |
| --- | --- |
| Data Type | Description |
| bigint | Integer (whole number) data from –2^63 (–9,223,372,036,854,775,808) through 2^63–1 (9,223,372,036,854,775,807). Storage size is 8 bytes. |
| integer | Integer (whole number) data from –2^31 (–2,147,483,648) through 2^31–1 (2,147,483,647). Storage size is 4 bytes. |
| smallint | Integer data from –32,768 to 32,767. Storage size is 2 bytes. |
| tinyint | Integer data from 0 to 255. Storage size is 1 byte. |
| bit | Integer data with a value of either 1 or 0. Storage size is 1 bit. |
| numeric (p, s)  Synonyms:  decimal(p,s) and dec (p,s) | Fixed-precision and scale-numeric data from –10^38+1 through 10^38–1. The p variable specifies precision and can vary between 1 and 38. The s variable specifies scale and can vary between 0 and p. Storage size is 19 bytes. |
| datetime | Date and time data from January 1, 1753, to December 31, 9999, with an accuracy of one three-hundredth second, or 3.33 milliseconds. Values are rounded to increments of .000, .003, or .007 milliseconds.  Stored as two 4-byte integers. The first 4 bytes store the number of days before or after the base date, January 1, 1900. The base date is the system's reference date. Values for datetime earlier than January 1, 1753, are not permitted. The other 4 bytes store the time of day represented as the number of milliseconds after midnight. Seconds have a valid range of 0–59.  Format Example  *yyyy/mm/dd hh:mm:ss 1947/08/15 03:33:20*  *mm/dd/yyyy hh:mm:ss 04/15/1947 03:33:20*  *dd mmm yyyy hh:mm:ss 15 Jan 1947 03:33:20*  *dd mmmm yyyy h:mm:ss 15 January 1947 03:33:20* |
| national character varying(n)  Synonym: nvarchar(n) | Variable-length Unicode data with a length of 1 to 4000 characters. Default length = 1. Storage size, in bytes, is two times the number of characters entered. |
| IDENTITY [(s, i)] | This is a property of a data column, not a distinct data type.  Only data columns of the integer data types can be used for identity columns. A table can have only one identity column. A seed and increment can be specified and the column cannot be updated.  s (seed) = starting value  i (increment) = increment value |

# Data Table Structure

## Users

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| userID | integer | Primary key. Required |
| apiKey | Nvarchar(64) | Required |
| fullKey | Bit | Default value = 0. Required |

## Characters

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | bigint | Primary key. Required |
| Name | Nvarchar(100) | Required |
| corporationID | Bigint | Required |
| corporationName | Nvarchar(200) | Required |
| userID | Integer | Reference to users.userID. Required |
| Active | Bit | Is this account viewable and active? Default value = 1. Required |
| cachedUntil | datetime | Required |

## charAccounts

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | Bigint | Primary key. Reference to characters.characterID. Required |
| accountID | Bigint | Primary key. Required |
| accountKey | Smallint | Required |
| Balance | Decimal(3,3) | Required |
| cachedUntil | datetime | Required |

## CharacterSheet

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | Bigint | Primary key. Reference to characters.characterID. Required |
| Name | Nvarchar(100) | Required |
| Race | Nvarchar(50) | Required |
| Bloodline | Nvarchar(50) | Required |
| Gender | Nvarchar(6) | Required |
| corporationName | Nvarchar(200) | Required |
| corporationID | Bigint | Required |
| cloneName | Nvarchar(100) | Required |
| cloneSkillPoints | Bigint | Required |
| Balance | Decimal(3,3) | Required |
| intelligenceBonusName | Nvarchar(100) | Optional |
| IntelligenceBonusValue | tinyint | Optional |
| memoryBonusName | Nvarchar(100) | Optional |
| memoryBonusValue | tinyint | Optional |
| charismaBonusName | Nvarchar(100) | Optional |
| charismaBonusValue | tinyint | Optional |
| perceptionBonusName | Nvarchar(100) | Optional |
| perceptionBonusValue | tinyint | Optional |
| willpowerBonusName | Nvarchar(100) | Optional |
| willpowerBonusValue | tinyint | Optional |
| intelligence | tinyint | Required |
| memory | tinyint | Required |
| charisma | tinyint | Required |
| perception | tinyint | Required |
| willpower | tinyint | Required |
| cachedUntil | datetime | Required |

## CharacterSheetSkills

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | Bigint | Primary key. Reference to characterSheet.characterID. Required |
| typeID | Integer | Primary key. Reference to skills.typeID. Required |
| Skillpoints | Integer | Required |
| Level | Tinyint | Optional |
| Unpublished | Tinyint | Optional |

## CharacterSheetCertificates

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | Bigint | Primary key. Reference to characterSheet.characterID. Required |
| certificateID | integer | Primary key. Reference to certificateCertificates.certificateID. Required |

## CharacterSheetCorporationRoles

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | Bigint | Primary key. Reference to characterSheet.characterID. Required |
| roleID | Smallint | Primary key. Required |
| roleName | Nvarchar(200) | Required |

## CharacterSheetCorporationRolesAtHQ

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | Bigint | Primary key. Reference to characterSheet.characterID. Required |
| roleID | Smallint | Primary key. Required |
| roleName | Nvarchar(200) | Required |

## CharacterSheetCorporationRolesAtBase

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | Bigint | Primary key. Reference to characterSheet.characterID. Required |
| roleID | Smallint | Primary key. Required |
| roleName | Nvarchar(200) | Required |

## CharacterSheetCorporationRolesAtOther

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | Bigint | Primary key. Reference to characterSheet.characterID. Required |
| roleID | Smallint | Primary key. Required |
| roleName | Nvarchar(200) | Required |

## CharacterSheetCorporationTitles

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | Bigint | Primary key. Reference to characterSheet.characterID. Required |
| titleID | Smallint | Primary key. Required |
| titleName | Nvarchar(200) | Required |

## charAssets

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | Bigint | Primary key. Reference to characters.characterID. Required |
| itemID | Bigint | Primary key. Required |
| locationID | Bigint | Required |
| typeID | Integer | Required |
| Quantity | Integer | Required |
| Flag | Smallint | Required |
| Singleton | Bit | Required |
| containterID | Bigint | Optional |
| cachedUntil | datetime | Required |

## charMedals

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | Bigint | Primary key. Reference to characters.characterID. Required |
| medalID | Bigint | Primary key. Required |
| Reason | Nvarchar(4000) | Required |
| Status | Nvarchar(50) | Required |
| issuerID | Bigint | Required |
| Issued | Datetime | Required |
| corporationID | Bigint | Required |
| Title | Nvarchar(500) | Required |
| Description | Nvarchar(4000) | Required |
| cachedUntil | datetime | Required |

## charSkillQueue

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| characterID | Bigint | Primary key. Reference to characters.characterID. Required |
| queuePosition | Smallint | Primary key. Required |
| typeID | Integer | Required. Reference to skills.TypeID |
| Level | Tinyint | Required |
| startSP | Integer | Required |
| endSP | Integer | Required |
| startTime | Datetime | Required |
| endTime | Datetime | Required |
| cachedUntil | Datetime | Required |

## charWalletJournal

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| ID | Identity(1,1) | Primary key. Required |
| characterID | Bigint | Primary key. Reference to characters.characterID. Required |
| refID | Bigint | Primary key. Required |
| Date | Datetime | Required |
| refTypeID | Tinyint | Reference to refType.refTypeID. Required |
| ownerName1 | Nvarchar(200) | Required |
| ownerID1 | Bigint | Required |
| ownerName2 | Nvarchar(200) | Required |
| ownerID2 | Bigint | Required |
| argName1 | Nvarchar(200) | Optional |
| argID1 | Bigint | Optional |
| Amount | Decimal(3,3) | Required |
| Balance | Decimal(3,3) | Required |
| Reason | Nvarchar(4000) | Optional |

## charWalletTransactions

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| ID | Identity(1,1) | Primary key. Required |
| characterID | Bigint | Primary key. Reference to characters.characterID. Required |
| transactionID | Bigint | Primary key. Required |
| transactionDateTime | Datetime | Required |
| Quantity | Integer | Required |
| typeName | Nvarchar(200) | Required |
| typeID | Integer | Required |
| Price | Decimal(3,3) | Required |
| clientID | Bigint | Required |
| clientName | Nvarchar(200) | Required |
| stationID | Bigint | Required |
| stationName | Nvarchar(400) | Required |
| transactionType | Nvarchar(10) | Required |
| transactionFor | Nvarchar(20) | Required |

## CorporationSheet

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| corporationID | Bigint | Primary key. Required |
| corporationName | Nvarchar(200) | Required |
| Ticker | Nvarchar(10) | Required |
| ceoID | Bigint | Required |
| ceoName | Nvarchar(100) | Required |
| stationID | Bigint | Required |
| stationName | Nvarchar(400) | Required |
| Description | Nvarchar(4000) | Required |
| url | Nvarchar(4000) | Optional |
| allianceID | Bigint | Optional |
| allianceName | Nvarchar(200) | Optional |
| taxRate | Decimal(3,3) | Required |
| memberCount | Integer | Optional |
| memberLimit | Integer | Optional |
| Shares | Bigint | Optional |
| logoGraphicID | Smallint | Required |
| Logoshape1 | Smallint | Required |
| Logoshape2 | Smallint | Required |
| Logoshape3 | Smallint | Required |
| Logocolor1 | Smallint | Required |
| Logocolor2 | Smallint | Required |
| Logocolor3 | Smallint | Required |
| cachedUntil | datetime | Required |

## corpAccounts

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| corporationID | Bigint | Primary key. Reference to corporationSheet.corporationID. Required |
| accountID | Bigint | Primary key. Required |
| accountKey | Smallint | Required |
| Balance | Decimal(3,3) | Required |
| cachedUntil | datetime | Required |

## corpAssets

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| corporationID | Bigint | Primary key. Reference to corporationSheet.corporationID. Required |
| itemID | Bigint | Primary key. Required |
| locationID | Bigint | Required |
| typeID | Integer | Required |
| Quantity | Integer | Required |
| Flag | Smallint | Required |
| Singleton | Bit | Required |
| containerID | Bigint | Optional |
| cachedUntil | Datetime | Required |

## corporationSheetDivisions

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| corporationID | Bigint | Primary key. Reference to corporationSheet.corporationID. Required |
| accountKey | Smallint | Primary key. Required |
| Description | Nvarchar(4000) | Required |

## corporationSheetWalletDivisions

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| corporationID | Bigint | Primary key. Reference to corporationSheet.corporationID. Required |
| accountKey | Smallint | Primary key. Required |
| Description | Nvarchar(4000) | Required |

## corpMembers

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| corporationID | Bigint | Primary key. Reference to corporationSheet.corporation ID. Required |
| characterID | Bigint | Primary key. Required |
| Name | Nvarchar(100) | Required |
| startDateTime | Datetime | Required |
| baseID | Bigint | Required |
| Base | Nvarchar(400) | Required |
| Title | Nvarchar(200) | Required |
| logonDateTime | Datetime | Required |
| logOffDateTime | Datetime | Required |
| locationID | Bigint | Required |
| Location | Nvarchar(400) | Required |
| shipTypeID | Integer | Required |
| shipType | Nvarchar(100) | Required |
| Roles | Bigint | Required |
| grantableRoles | Bigint | Required |
| cachedUntil | datetime | Required |

## corpWalletJournal

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| ID | Identity(1,1) | Primary key. Required |
| corporationID | Bigint | Primary key. Reference to corporationSheet.corporation ID. Required |
| refID | Bigint | Primary key. Required |
| Date | Datetime | Required |
| refTypeID | Tinyint | Reference to refType.refTypeID. Required |
| ownerName1 | Nvarchar(200) | Required |
| ownerID1 | Bigint | Required |
| ownerName2 | Nvarchar(200) | Required |
| ownerID2 | Bigint | Required |
| argName1 | Nvarchar(200) | Optional |
| argID1 | Bigint | Optional |
| Amount | Decimal(3,3) | Required |
| Balance | Decimal(3,3) | Required |
| Reason | Nvarchar(4000) | Optional |

## corpWalletTransactions

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| ID | Identity(1,1) | Primary key. Required |
| corporationID | Bigint | Primary key. Reference to corporationSheet.corporation ID. Required |
| transactionID | Bigint | Primary key. Required |
| transactionDateTime | Datetime | Required |
| Quantity | Integer | Required |
| typeName | Nvarchar(200) | Required |
| typeID | Integer | Required |
| Price | Decimal(3,3) | Required |
| clientID | Bigint | Required |
| clientName | Nvarchar(200) | Required |
| stationID | Bigint | Required |
| stationName | Nvarchar(400) | Required |
| transactionType | Nvarchar(10) | Required |
| transactionFor | Nvarchar(20) | Required |

## certificateCategories

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| categoryID | Integer | Primary key. Required |
| categoryName | Nvarchar(50) | Required |
| cachedUntil | datetime | Required |

## certificateClasses

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| categoryID | Integer | Reference to certificateCategories.categoryID. Required |
| classID | Integer | Primary key. Required |
| className | Nvarchar(100) | Required |

## certificateCertificates

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| classID | Integer | Reference to certificateClasses.ClassID. Required |
| certificateID | Integer | Primary key. Required |
| Grade | Tinyint | Required |
| corporationID | Bigint | Required |
| Description | Nvarchar(4000) | Required |

## certificateRequiredSkills

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| certificateID | Integer | Primary key. Reference to certificateCertificates.certificateID. Required |
| typeID | Integer | Primary key. Reference to skills.TypeID. Required |
| skillLevel | Tinyint | Required |

## certificateRequiredCertificates

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| parentCertificateID | Integer | Primary key. Reference to certificateCertificates.certificateID. Required |
| certificateID | Integer | Primary key. Required |
| Grade | Tinyint | Required |

## errors

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| errorCode | Smallint | Primary key. Required |
| errorText | Nvarchar(4000) | Required |

## refTypes

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| refTypeID | Tinyint | Primary key. Required |
| refTypeName | Nvarchar(200) | Required |

## skillGroups

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| groupID | Smallint | Primary key. Required |
| groupName | Nvarchar(200) | Required |

## skills

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| groupID | Smallint | Reference to skillGroups.groupID. Required |
| typeID | Integer | Primary key. Required |
| typeName | Nvarchar(200) | Required |
| Description | Nvarchar(4000) | Required |
| Rank | Tinyint | Required |
| primaryAttribute | Nvarchar(100) | Required |
| secondaryAttribute | Nvarchar(100) | Required |

## requiredSkills

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| skillsTypeID | Integer | Primary key. Reference to skills.typeID. Required |
| typeID | Integer | Primary key. Required |
| skillLevel | Tinyint | Required |

## skillBonusCollection

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Description |
| typeID | Integer | Primary key. Reference to skills.typeID. Required |
| bonusType | Nvarchar(400) | Primary key. Required |
| bonusValue | integer | Required |