
ASPNETDB Database

Table of Contents

ASPNETDB Database	4
Tables.....	5
aspnet_Applications.....	6
aspnet_Membership.....	7
aspnet_Paths.....	8
aspnet_PersonalizationAllUsers.....	9
aspnet_PersonalizationPerUser.....	10
aspnet_Profile.....	11
aspnet_Roles.....	12
aspnet_SchemaVersions.....	13
aspnet_Users.....	14
aspnet_UsersInRoles.....	15
aspnet_WebEvent_Events.....	16
Views.....	17
vw_aspnet_Applications.....	18
vw_aspnet_MembershipUsers.....	19
vw_aspnet_Profiles.....	20
vw_aspnet_Roles.....	21
vw_aspnet_Users.....	22
vw_aspnet_UsersInRoles.....	23
vw_aspnet_WebPartState_Paths.....	24
vw_aspnet_WebPartState_Shared.....	25
vw_aspnet_WebPartState_User.....	26
Procedures.....	27
aspnet_AnyDataInTables.....	30
aspnet_Applications_CreateApplication.....	31
aspnet_CheckSchemaVersion.....	32
aspnet_Membership_ChangePasswordQuestionAndAnswer.....	33
aspnet_Membership_CreateUser.....	34
aspnet_Membership_FindUsersByEmail.....	35
aspnet_Membership_FindUsersByName.....	36
aspnet_Membership_GetAllUsers.....	37
aspnet_Membership_GetNumberOfUsersOnline.....	38
aspnet_Membership_GetPassword.....	39
aspnet_Membership_GetPasswordWithFormat.....	40
aspnet_Membership_GetUserByEmail.....	41
aspnet_Membership_GetUserByName.....	42
aspnet_Membership_GetUserById.....	43
aspnet_Membership_ResetPassword.....	44
aspnet_Membership_SetPassword.....	45
aspnet_Membership_UnlockUser.....	46
aspnet_Membership_UpdateUser.....	47
aspnet_Membership_UpdateUserInfo.....	48
aspnet_Paths_CreatePath.....	49
aspnet_Personalization_GetApplicationId.....	50
aspnet_PersonalizationAdministration_DeleteAllState.....	51
aspnet_PersonalizationAdministration_FindState.....	52
aspnet_PersonalizationAdministration_GetCountOfState.....	53
aspnet_PersonalizationAdministration_ResetSharedState.....	54
aspnet_PersonalizationAdministration_ResetUserState.....	55

aspnet_PersonalizationAllUsers_GetPageSettings.....	56
aspnet_PersonalizationAllUsers_ResetPageSettings.....	57
aspnet_PersonalizationAllUsers_SetPageSettings.....	58
aspnet_PersonalizationPerUser_GetPageSettings.....	59
aspnet_PersonalizationPerUser_ResetPageSettings.....	60
aspnet_PersonalizationPerUser_SetPageSettings.....	61
aspnet_Profile_DeletelnactiveProfiles.....	62
aspnet_Profile_DeleteProfiles.....	63
aspnet_Profile_GetNumberOflnactiveProfiles.....	64
aspnet_Profile_GetProfiles.....	65
aspnet_Profile_GetProperties.....	66
aspnet_Profile_SetProperties.....	67
aspnet_RegisterSchemaVersion.....	68
aspnet_Roles_CreateRole.....	69
aspnet_Roles_DeleteRole.....	70
aspnet_Roles_GetAllRoles.....	71
aspnet_Roles_RoleExists.....	72
aspnet_Setup_RemoveAllRoleMembers.....	73
aspnet_Setup_RestorePermissions.....	74
aspnet_UnRegisterSchemaVersion.....	75
aspnet_Users_CreateUser.....	76
aspnet_Users_DeleteUser.....	77
aspnet_UserslnRoles_AddUsersToRoles.....	78
aspnet_UserslnRoles_FindUserslnRole.....	79
aspnet_UserslnRoles_GetRolesForUser.....	80
aspnet_UserslnRoles_GetUserslnRoles.....	81
aspnet_UserslnRoles_IsUserlnRole.....	82
aspnet_UserslnRoles_RemoveUsersFromRoles.....	83
aspnet_WebEvent_LogEvent.....	84

ASPNETDB Database

Description

ASP.NET 2.0 Provider Database

Remarks

The ASPNETDB is used by ASP.NET 2.0 providers to persist state in SQL Server. This database is typically created using the aspnet_regsql.exe tool that comes with ASP.NET.

ASP.NET 2.0 includes the following types of providers:

- Membership
- Role Management
- Site Map
- Profile
- Session State
- Web Events
- Web Parts Personalization
- Protected Configuration

For more information about ASP.NET 2.0 Providers, please visit the following MSDN article:

[Microsoft ASP.NET 2.0 Providers](#)

See Also

[Tables](#) | [Views](#) | [Procedures](#)


Tables: ASPNETDB**Tables**

Name	Description
aspnet_Applications	Used by ASP.NET features to provide an application scope for data.
aspnet_Membership	Used by the SQL Membership Provider to store membership data.
aspnet_Paths	Used by the SQL Personalization Provider to store the path for which Web Parts personalization state has been saved.
aspnet_PersonalizationAllUsers	Used by the SQL Personalization Provider to store shared personalization data.
aspnet_PersonalizationPerUser	Used by the SQL Personalization Provider to store per-user personalization data.
aspnet_Profile	Used by the SQL Profile Provider to store individual instances of property values.
aspnet_Roles	Used by the SQL Role Provider to store role data.
aspnet_SchemaVersions	Used to track the versions of schemas required by ASP.NET features.
aspnet_Users	Used to store information regarding users, including user names and IDs.
aspnet_UsersInRoles	Used by the SQL Role Provider to map roles to users.
aspnet_WebEvent_Events	Used by the SQL Web Event Provider to log event data.

Table: aspnet_Applications**Description**

Used by ASP.NET features to provide an application scope for data.

Columns

Name	Type	Description
ApplicationName	nvarchar(256)	Application name
LoweredApplicationName	nvarchar(256)	Application name (lowercase)
 ApplicationId	uniqueidentifier	Application ID
Description	nvarchar(256)	Application description

Relationships

Primary Table	Primary Key	Foreign Table	Foreign Key
aspnet_Applications	ApplicationId	aspnet_Users	ApplicationId
aspnet_Applications	ApplicationId	aspnet_Membership	ApplicationId
aspnet_Applications	ApplicationId	aspnet_Roles	ApplicationId
aspnet_Applications	ApplicationId	aspnet_Paths	ApplicationId

Table: aspnet_Membership**Description**

Used by the SQL Membership Provider to store membership data.

Columns

Name	Type	Description
ApplicationId	uniqueidentifier	Application ID
⚡ UserId	uniqueidentifier	User ID
Password	nvarchar(128)	Password (plaintext, hashed, or encrypted; base-64-encoded if hashed or encrypted)
PasswordFormat	int	Password format (0=Plaintext, 1=Hashed, 2=Encrypted)
PasswordSalt	nvarchar(128)	Randomly generated 128-bit value used to salt password hashes; stored in base-64-encoded form
MobilePIN	nvarchar(16)	User's mobile PIN (currently not used)
Email	nvarchar(256)	User's e-mail address
LoweredEmail	nvarchar(256)	User's e-mail address (lowercase)
PasswordQuestion	nvarchar(256)	Password question
PasswordAnswer	nvarchar(128)	Answer to password question
IsApproved	bit	1=Approved, 0=Not approved
IsLockedOut	bit	1=Locked out, 0=Not locked out
CreateDate	datetime	Date and time this account was created
LastLoginDate	datetime	Date and time of this user's last login
LastPasswordChangedDate	datetime	Date and time this user's password was last changed
LastLockoutDate	datetime	Date and time this user was last locked out
FailedPasswordAttemptCount	int	Number of consecutive failed login attempts
FailedPasswordAttemptWindowStart	datetime	Date and time of first failed login if FailedPasswordAttemptCount is nonzero
FailedPasswordAnswerAttemptCount	int	Number of consecutive failed password answer attempts
FailedPasswordAnswerAttemptWindowStart	datetime	Date and time of first failed password answer if FailedPasswordAnswerAttemptCount is nonzero
Comment	ntext	Additional text

Relationships

Primary Table	Primary Key	Foreign Table	Foreign Key
aspnet_Applications	ApplicationId	aspnet_Membership	ApplicationId
aspnet_Users	UserId	aspnet_Membership	UserId

Table: aspnet_Paths

Description

Used by the SQL Personalization Provider to store the path for which Web Parts personalization state has been saved.

Columns

Name	Type	Description
ApplicationId	uniqueidentifier	Application ID
PathId	uniqueidentifier	Path ID
Path	nvarchar(256)	Path name
LoweredPath	nvarchar(256)	Path name (lowercase)

Relationships

Primary Table	Primary Key	Foreign Table	Foreign Key
aspnet_Applications	ApplicationId	aspnet_Paths	ApplicationId
aspnet_Paths	PathId	aspnet_PersonalizationAllUsers	PathId
aspnet_Paths	PathId	aspnet_PersonalizationPerUser	PathId

Table: aspnet_PersonalizationAllUsers

Description

Used by the SQL Personalization Provider to store shared personalization data.

Columns

Name	Type	Description
PathId	uniqueidentifier	ID of the virtual path to which this state pertains
PageSettings	image	Serialized personalization state
LastUpdatedDate	datetime	Date and time state was saved

Relationships

Primary Table	Primary Key	Foreign Table	Foreign Key
aspnet_Paths	PathId	aspnet_PersonalizationAllUsers	PathId

Table: aspnet_PersonalizationPerUser**Description**

Used by the SQL Personalization Provider to store per-user personalization data.

Columns

Name	Type	Description
Id	uniqueidentifier	ID of this record
PathId	uniqueidentifier	ID of the virtual path to which this state pertains
UserId	uniqueidentifier	ID of the user to which this state pertains
PageSettings	image	Serialized personalization state
LastUpdatedDate	datetime	Date and time state was saved

Relationships


Primary Table	Primary Key	Foreign Table	Foreign Key
aspnet_Paths	PathId	aspnet_PersonalizationPerUser	PathId
aspnet_Users	UserId	aspnet_PersonalizationPerUser	UserId

Table: aspnet_Profile

Description

Used by the SQL Profile Provider to store individual instances of property values.

Columns

Name	Type	Description
 UserId	uniqueidentifier	ID of the user to which this profile data pertains
PropertyNames	ntext	Names of all property values stored in this profile
PropertyValuesString	ntext	Values of properties that could be persisted as text
PropertyValuesBinary	image	Values of properties that were configured to use binary serialization
LastUpdatedDate	datetime	Date and time this profile was last updated


Relationships

Primary Table	Primary Key	Foreign Table	Foreign Key
aspnet_Users	UserId	aspnet_Profile	UserId

Table: aspnet_Roles**Description**

Used by the SQL Role Provider to store role data.

Columns

Name	Type	Description
ApplicationId	uniqueidentifier	Application ID
 RoleId	uniqueidentifier	Role ID
RoleName	nvarchar(256)	Role name
LoweredRoleName	nvarchar(256)	Role name (lowercase)
Description	nvarchar(256)	Role description (currently unused)

Relationships

Primary Table	Primary Key	Foreign Table	Foreign Key
aspnet_Applications	ApplicationId	aspnet_Roles	ApplicationId
aspnet_Roles	RoleId	aspnet_UsersInRoles	RoleId

Table: aspnet_SchemaVersions**Description**

Used to track the versions of schemas required by ASP.NET features.


Columns

Name	Type	Description
Feature	nvarchar(128)	Name of the application feature
CompatibleSchemaVersion	nvarchar(128)	Schema version required for compatibility
IsCurrentVersion	bit	1=Current version, 0=Not current version

Table: aspnet_Users**Description**

Used to store information regarding users, including user names and IDs.

Columns

Name	Type	Description
ApplicationId	uniqueidentifier	Application ID
 UserId	uniqueidentifier	User ID
UserName	nvarchar(256)	User name
LoweredUserName	nvarchar(256)	User name (lowercase)
MobileAlias	nvarchar(16)	User's mobile alias (currently not used)
IsAnonymous	bit	1=Anonymous user, 0=Not an anonymous user
LastActivityDate	datetime	Date and time of last activity by this user

Relationships

Primary Table	Primary Key	Foreign Table	Foreign Key
aspnet_Applications	ApplicationId	aspnet_Users	ApplicationId
aspnet_Users	UserId	aspnet_Membership	UserId
aspnet_Users	UserId	aspnet_Profile	UserId
aspnet_Users	UserId	aspnet_UsersInRoles	UserId
aspnet_Users	UserId	aspnet_PersonalizationPerUser	UserId

Table: aspnet_UsersInRoles**Description**

Used by the SQL Role Provider to map roles to users.

Columns

Name	Type	Description
⚡ UserId	uniqueidentifier	User ID
⚡ RoleId	uniqueidentifier	Role ID

Relationships

Primary Table	Primary Key	Foreign Table	Foreign Key
aspnet_Users	UserId	aspnet_UsersInRoles	UserId
aspnet_Roles	RoleId	aspnet_UsersInRoles	RoleId

Table: aspnet_WebEvent_Events**Description**

Used by the SQL Web Event Provider to log event data.

Columns

Name	Type	Description
EventId	char(32)	Event ID (from WebBaseEvent.EventId)
EventTimeUtc	datetime	UTC time at which the event was fired (from WebBaseEvent.EventTimeUtc)
EventTime	datetime	Local time at which the event was fired (from WebBaseEvent.EventTime)
EventType	nvarchar(256)	Event type (for example, WebFailureAuditEvent)
EventSequence	decimal(19)	Event sequence number (from WebBaseEvent.EventSequence)
EventOccurrence	decimal(19)	Event occurrence count (from WebBaseEvent.EventOccurrence)
EventCode	int	Event code (from WebBaseEvent.EventCode)
EventDetailCode	int	Event detail code (from WebBaseEvent.EventDetailCode)
Message	nvarchar(1024)	Event message (from WebBaseEvent.EventMessage)
ApplicationPath	nvarchar(256)	Physical path of the application that generated the Web event (for example, C:\Websites\MyApp)
ApplicationVirtualPath	nvarchar(256)	Virtual path of the application that generated the event (for example, /MyApp)
MachineName	nvarchar(256)	Name of the machine on which the event was generated
RequestUrl	nvarchar(1024)	URL of the request that generated the Web event
ExceptionType	nvarchar(256)	If the Web event is a WebBaseErrorEvent, type of exception recorded in the ErrorException property; otherwise, DBNull
Details	ntext	Text generated by calling ToString on the Web event

Views: ASPNETDB

Views

Name
vw_aspnet_Applications
vw_aspnet_MembershipUsers
vw_aspnet_Profiles
vw_aspnet_Roles
vw_aspnet_Users
vw_aspnet_UsersInRoles
vw_aspnet_WebPartState_Paths
vw_aspnet_WebPartState_Shared
vw_aspnet_WebPartState_User

View: vw_aspnet_Applications**Columns**

Name	Type	Description
ApplicationName	nvarchar	Application name
LoweredApplicationName	nvarchar	Application name (lowercase)
ApplicationId	uniqueidentifier	Application ID
Description	nvarchar	Application description

View: vw_aspnet_MembershipUsers**Columns**

Name	Type	Description
UserId	uniqueidentifier	User ID
PasswordFormat	int	Password format (0=Plaintext, 1=Hashed, 2=Encrypted)
MobilePIN	nvarchar	User's mobile PIN (currently not used)
Email	nvarchar	User's e-mail address
LoweredEmail	nvarchar	User's e-mail address (lowercase)
PasswordQuestion	nvarchar	Password question
PasswordAnswer	nvarchar	Answer to password question
IsApproved	bit	1=Approved, 0=Not approved
IsLockedOut	bit	1=Locked out, 0=Not locked out
CreateDate	datetime	Date and time this account was created
LastLoginDate	datetime	Date and time of this user's last login
LastPasswordChangedDate	datetime	Date and time this user's password was last changed
LastLockoutDate	datetime	Date and time this user was last locked out
FailedPasswordAttemptCount	int	Number of consecutive failed login attempts
FailedPasswordAttemptWindowStart	datetime	Date and time of first failed login if FailedPasswordAttemptCount is nonzero
FailedPasswordAnswerAttemptCount	int	Number of consecutive failed password answer attempts
FailedPasswordAnswerAttemptWindowStart	datetime	Date and time of first failed password answer if FailedPasswordAnswerAttemptCount is nonzero
Comment	ntext	Additional text
ApplicationId	uniqueidentifier	Application ID
UserName	nvarchar	User name
MobileAlias	nvarchar	User's mobile alias (currently not used)
IsAnonymous	bit	1=Anonymous user, 0=Not an anonymous user
LastActivityDate	datetime	Date and time of last activity by this user

View: vw_aspnet_Profiles

Columns

Name	Type	Description
UserId	uniqueidentifier	ID of the user to which this profile data pertains
LastUpdatedDate	datetime	Date and time this profile was last updated
DataSize	int	Size of the profile data

View: vw_aspnet_Roles

Columns

Name	Type	Description
ApplicationId	uniqueidentifier	Application ID
RoleId	uniqueidentifier	Role ID
RoleName	nvarchar	Role name
LoweredRoleName	nvarchar	Role name (lowercase)
Description	nvarchar	Role description (currently unused)

View: vw_aspnet_Users**Columns**

Name	Type	Description
ApplicationId	uniqueidentifier	Application ID
UserId	uniqueidentifier	User ID
UserName	nvarchar	User name
LoweredUserName	nvarchar	User name (lowercase)
MobileAlias	nvarchar	User's mobile alias (currently not used)
IsAnonymous	bit	1=Anonymous user, 0=Not an anonymous user
LastActivityDate	datetime	Date and time of last activity by this user

View: vw_aspnet_UsersInRoles

Columns

Name	Type	Description
UserId	uniqueidentifier	User ID
RoleId	uniqueidentifier	Role ID

View: vw_aspnet_WebPartState_Paths

Columns

Name	Type	Description
ApplicationId	uniqueidentifier	Application ID
PathId	uniqueidentifier	Path ID
Path	nvarchar	Path name
LoweredPath	nvarchar	Path name (lowercase)

View: vw_aspnet_WebPartState_Shared

Columns

Name	Type	Description
PathId	uniqueidentifier	ID of the virtual path to which this state pertains
DataSize	int	Size of the data
LastUpdatedDate	datetime	Date and time state was saved

View: vw_aspnet_WebPartState_User**Columns**

Name	Type	Description
PathId	uniqueidentifier	ID of the virtual path to which this state
UserId	uniqueidentifier	ID of the user to which this state pertains
DataSize	int	Size of the user-scoped data
LastUpdatedDate	datetime	Date and time state was saved

Procedures: ASPNETDB

Procedures

Name	Description
aspnet_AnyDataInTables	Checks to see if there is any data in the specified tables.
aspnet_Applications_CreateApplication	Adds a new application to the aspnet_Application table.
aspnet_CheckSchemaVersion	Checks the compatibility of the schema version for the given feature.
aspnet_Membership_ChangePasswordQuestionAndAnswer	Changes the specified user's password question and answer.
aspnet_Membership_CreateUser	Adds a new membership user to the membership database. Records the user in the aspnet_Users and aspnet_Membership tables and, if necessary, adds a new application to the aspnet_Applications table.
aspnet_Membership_FindUsersByEmail	Retrieves records from aspnet_Membership table with email addresses matching the specified pattern and with the specified application ID.
aspnet_Membership_FindUsersByName	Retrieves records from aspnet_Membership table with user names matching the specified pattern and with the specified application ID.
aspnet_Membership_GetAllUsers	Retrieves all users from the aspnet_Membership table with the specified application ID.
aspnet_Membership_GetNumberOfUsersOnline	Gets the number of users currently online (those whose last activity dates).
aspnet_Membership_GetPassword	Gets the specified user's password data from the database. Used for retrieving passwords with a user-supplied password answer.
aspnet_Membership_GetPasswordWithFormat	Gets the specified user's password from the database. Used by the provider to retrieve passwords for performing password comparisons (for example, when ValidateUser needs to validate a password).
aspnet_Membership_GetUserByEmail	Given an e-mail address and application ID, retrieves the corresponding record from the aspnet_Membership table.
aspnet_Membership_GetUserByName	Given a user name and application ID, retrieves the corresponding record from the aspnet_Membership table.
aspnet_Membership_GetUserById	Given a user ID and application ID, retrieves the corresponding record from the aspnet_Membership table.
aspnet_Membership_ResetPassword	Resets the specified user's password based on a password answer.
aspnet_Membership_SetPassword	Sets the specified user's password to the password input to the stored procedure.
aspnet_Membership_UnlockUser	Restores login privileges for the specified user by setting the user's IsLockedOut bit to 0.
aspnet_Membership_UpdateUser	Updates the user's last activity date in the aspnet_Users table and e-mail address, comment, isapproved status, and last login date in the aspnet_Membership table.
aspnet_Membership_UpdateUserInfo	Updates account locking data for the specified user in the aspnet_Users and aspnet_Membership tables. Used in conjunction with provider methods that track bad password and bad password-answer attempts.
aspnet_Paths_CreatePath	Retrieves a path ID from the aspnet_Paths table, or creates a new one if the specified path doesn't exist.

Procedures

Name	Description
aspnet_Personalization_GetApplicationId	Converts the application name input to it into an application ID.
aspnet_PersonalizationAdministration_DeleteAllState	Deletes all records from aspnet_PersonalizationAllUsers or aspnet_PersonalizationPerUser corresponding to the specified application ID.
aspnet_PersonalizationAdministration_FindState	Retrieves profile data from aspnet_PersonalizationAllUsers or aspnet_PersonalizationPerUser meeting several input criteria.
aspnet_PersonalizationAdministration_GetCountOfState	Returns a count of records in the aspnet_PersonalizationAllUsers table with path names matching the specified pattern, or a count of records in the aspnet_PersonalizationPerUser table meeting several input criteria.
aspnet_PersonalizationAdministration_ResetSharedState	Resets shared state for the specified page, by deleting the corresponding record from the aspnet_PersonalizationAllUsers table.
aspnet_PersonalizationAdministration_ResetUserState	Resets per-user state for the specified user and the specified page, by deleting the corresponding record from the aspnet_PersonalizationPerUser table. Can also delete records, based on the user's last activity date if it falls on or before the specified date.
aspnet_PersonalizationAllUsers_GetPageSettings	Retrieves shared state for the specified page from the aspnet_PersonalizationAllUsers table.
aspnet_PersonalizationAllUsers_ResetPageSettings	Resets shared state for the specified page, by deleting the corresponding record from the aspnet_PersonalizationAllUsers table.
aspnet_PersonalizationAllUsers_SetPageSettings	Saves shared state for the specified page in the aspnet_PersonalizationAllUsers table.
aspnet_PersonalizationPerUser_GetPageSettings	Retrieves per-user state for the specified page and the specified user from the aspnet_PersonalizationPerUser table.
aspnet_PersonalizationPerUser_ResetPageSettings	Resets per-user state for the specified page and the specified user, by deleting the corresponding record from the aspnet_PersonalizationPerUser table.
aspnet_PersonalizationPerUser_SetPageSettings	Saves per-user state for the specified page and the specified user in the aspnet_PersonalizationPerUser table.
aspnet_Profile_DeleteInactiveProfiles	Deletes profile data from the aspnet_Profile table for users whose last activity dates in the aspnet_Users table fall on or before the specified date.
aspnet_Profile_DeleteProfiles	Deletes profile data from the aspnet_Profile table for the specified users.
aspnet_Profile_GetNumberOfInactiveProfiles	Queries the aspnet_Profile table to get a count of profiles whose last activity dates (in the aspnet_Users table) fall on or before the specified date.
aspnet_Profile_GetProfiles	Retrieves profile data from the aspnet_Profile table for users who match the criteria input to the stored procedure.
aspnet_Profile_GetProperties	Retrieves profile data for the specified user.
aspnet_Profile_SetProperties	Saves profile data for the specified user.
aspnet_RegisterSchemaVersion	Registers the compatible schema required for the given feature.
aspnet_Roles_CreateRole	Adds a role to the aspnet_Roles table and, if necessary, adds a new application to the aspnet_Applications table.

Procedures

Name	Description
aspnet_Roles_DeleteRole	Removes a role from the aspnet_Roles table. Optionally deletes records referencing the deleted role from the aspnet_UsersInRoles table.
aspnet_Roles_GetAllRoles	Retrieves all roles with the specified application ID from the aspnet_Roles table.
aspnet_Roles_RoleExists	Checks the aspnet_Roles table to determine whether the specified role exists.
aspnet_Setup_RemoveAllRoleMembers	Removes all roles from the given SQL account.
aspnet_Setup_RestorePermissions	Restores permissions to the given SQL account.
aspnet_UnRegisterSchemaVersion	Unregisters the schema version for the given feature.
aspnet_Users_CreateUser	Adds a user to the aspnet_Users table. Called by aspnet_Membership_CreateUser.
aspnet_Users_DeleteUser	Deletes a user from the aspnet_Membership table and optionally from other SQL provider tables, including aspnet_Users.
aspnet_UsersInRoles_AddUsersToRoles	Adds the specified users to the specified roles by adding them to the aspnet_UsersInRoles table.
aspnet_UsersInRoles_FindUsersInRole	Queries the aspnet_UsersInRoles table for all users belonging to the specified role whose user names match the specified pattern.
aspnet_UsersInRoles_GetRolesForUser	Queries the aspnet_UsersInRoles table for all roles assigned to a specified user.
aspnet_UsersInRoles_GetUsersInRoles	Queries the aspnet_UsersInRoles table for all users belonging to the specified role.
aspnet_UsersInRoles_IsUserInRole	Checks the aspnet_UsersInRoles table to determine whether the specified user belongs to the specified role.
aspnet_UsersInRoles_RemoveUsersFromRoles	Removes the specified users from the specified roles by deleting the corresponding records from the aspnet_UsersInRoles table.
aspnet_WebEvent_LogEvent	Records a Web event in the aspnet_WebEvents_Events table.

Procedure: aspnet_AnyDataInTables

Description

Checks to see if there is any data in the specified tables.

Parameters

Name	Type	Direction
@TablesToCheck	int	Input

Procedure: aspnet_Applications_CreateApplication

Description

Adds a new application to the aspnet_Application table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@ApplicationId	uniqueidentifier	Input/Output

Procedure: aspnet_CheckSchemaVersion

Description

Checks the compatibility of the schema version for the given feature.

Parameters

Name	Type	Direction
@Feature	nvarchar	Input
@CompatibleSchemaVersion	nvarchar	Input

Procedure: aspnet_Membership_ChangePasswordQuestionAndAnswer**Description**

Changes the specified user's password question and answer.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@NewPasswordQuestion	nvarchar	Input
@NewPasswordAnswer	nvarchar	Input

Procedure: aspnet_Membership_CreateUser

Description

Adds a new membership user to the membership database. Records the user in the aspnet_Users and aspnet_Membership tables and, if necessary, adds a new application to the aspnet_Applications table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@Password	nvarchar	Input
@PasswordSalt	nvarchar	Input
@Email	nvarchar	Input
@PasswordQuestion	nvarchar	Input
@PasswordAnswer	nvarchar	Input
@IsApproved	bit	Input
@CurrentTimeUtc	datetime	Input
@CreateDate	datetime	Input
@UniqueEmail	int	Input
@PasswordFormat	int	Input
@UserId	uniqueidentifier	Input/Output

Procedure: aspnet_Membership_FindUsersByEmail

Description

Retrieves records from aspnet_Membership table with email addresses matching the specified pattern and with the specified application ID.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@EmailToMatch	nvarchar	Input
@PageIndex	int	Input
@PageSize	int	Input

Procedure: aspnet_Membership_FindUsersByName

Description

Retrieves records from aspnet_Membership table with user names matching the specified pattern and with the specified application ID.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserNameToMatch	nvarchar	Input
@PageIndex	int	Input
@PageSize	int	Input

Procedure: aspnet_Membership_GetAllUsers

Description

Retrieves all users from the aspnet_Membership table with the specified application ID.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@PageIndex	int	Input
@PageSize	int	Input

Procedure: aspnet_Membership_GetNumberOfUsersOnline

Description

Gets the number of users currently online (those whose last activity dates.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@MinutesSinceLastInactive	int	Input
@CurrentTimeUtc	datetime	Input

Procedure: aspnet_Membership_GetPassword

Description

Gets the specified user's password data from the database. Used for retrieving passwords with a user-supplied password answer.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@MaxInvalidPasswordAttempts	int	Input
@PasswordAttemptWindow	int	Input
@CurrentTimeUtc	datetime	Input
@PasswordAnswer	nvarchar	Input

Procedure: aspnet_Membership_GetPasswordWithFormat

Description

Gets the specified user's password from the database. Used by the provider to retrieve passwords for performing password comparisons (for example, when ValidateUser needs to validate a password).

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@UpdateLastLoginActivityDate	bit	Input
@CurrentTimeUtc	datetime	Input

Procedure: aspnet_Membership_GetUserByEmail

Description

Given an e-mail address and application ID, retrieves the corresponding record from the aspnet_Membership table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@Email	nvarchar	Input

Procedure: aspnet_Membership_GetUserByName

Description

Given a user name and application ID, retrieves the corresponding record from the aspnet_Membership table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@CurrentTimeUtc	datetime	Input
@UpdateLastActivity	bit	Input

Procedure: aspnet_Membership_GetUserByUserId

Description

Given a user ID and application ID, retrieves the corresponding record from the aspnet_Membership table.

Parameters

Name	Type	Direction
@UserId	uniqueidentifier	Input
@CurrentTimeUtc	datetime	Input
@UpdateLastActivity	bit	Input

Procedure: aspnet_Membership_ResetPassword

Description

Resets the specified user's password based on a password answer.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@NewPassword	nvarchar	Input
@MaxInvalidPasswordAttempts	int	Input
@PasswordAttemptWindow	int	Input
@PasswordSalt	nvarchar	Input
@CurrentTimeUtc	datetime	Input
@PasswordFormat	int	Input
@PasswordAnswer	nvarchar	Input

Procedure: aspnet_Membership_SetPassword

Description

Sets the specified user's password to the password input to the stored procedure.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@NewPassword	nvarchar	Input
@PasswordSalt	nvarchar	Input
@CurrentTimeUtc	datetime	Input
@PasswordFormat	int	Input

Procedure: aspnet_Membership_UnlockUser

Description

Restores login privileges for the specified user by setting the user's IsLockedOut bit to 0.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input

Procedure: aspnet_Membership_UpdateUser

Description

Updates the user's last activity date in the aspnet_Users table and e-mail address, comment, isapproved status, and last login date in the aspnet_Membership table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@Email	nvarchar	Input
@Comment	ntext	Input
@IsApproved	bit	Input
@LastLoginDate	datetime	Input
@LastActivityDate	datetime	Input
@UniqueEmail	int	Input
@CurrentTimeUtc	datetime	Input

Procedure: aspnet_Membership_UpdateUserInfo

Description

Updates account locking data for the specified user in the aspnet_Users and aspnet_Membership tables. Used in conjunction with provider methods that track bad password and bad password-answer attempts.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@IsPasswordCorrect	bit	Input
@UpdateLastLoginActivityDate	bit	Input
@MaxInvalidPasswordAttempts	int	Input
@PasswordAttemptWindow	int	Input
@CurrentTimeUtc	datetime	Input
@LastLoginDate	datetime	Input
@LastActivityDate	datetime	Input

Procedure: aspnet_Paths_CreatePath

Description

Retrieves a path ID from the aspnet_Paths table, or creates a new one if the specified path doesn't exist.

Parameters

Name	Type	Direction
@ApplicationId	uniqueidentifier	Input
@Path	nvarchar	Input
@PathId	uniqueidentifier	Input/Output

Procedure: aspnet_Personalization_GetApplicationId

Description

Converts the application name input to it into an application ID.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@ApplicationId	uniqueidentifier	Input/Output

Procedure: aspnet_PersonalizationAdministration_DeleteAllState

Description

Deletes all records from aspnet_PersonalizationAllUsers or aspnet_PersonalizationPerUser corresponding to the specified application ID.

Parameters

Name	Type	Direction
@AllUsersScope	bit	Input
@ApplicationName	nvarchar	Input
@Count	int	Input/Output

Procedure: aspnet_PersonalizationAdministration_FindState

Description

Retrieves profile data from aspnet_PersonalizationAllUsers or aspnet_PersonalizationPerUser meeting several input criteria.

Parameters

Name	Type	Direction
@AllUsersScope	bit	Input
@ApplicationName	nvarchar	Input
@PageIndex	int	Input
@PageSize	int	Input
@Path	nvarchar	Input
@UserName	nvarchar	Input
@InactiveSinceDate	datetime	Input

Procedure: aspnet_PersonalizationAdministration_GetCountOfState

Description

Returns a count of records in the aspnet_PersonalizationAllUsers table with path names matching the specified pattern, or a count of records in the aspnet_PersonalizationPerUser table meeting several input criteria.

Parameters

Name	Type	Direction
@Count	int	Input/Output
@AllUsersScope	bit	Input
@ApplicationName	nvarchar	Input
@Path	nvarchar	Input
@UserName	nvarchar	Input
@InactiveSinceDate	datetime	Input

Procedure: aspnet_PersonalizationAdministration_ResetSharedState

Description

Resets shared state for the specified page, by deleting the corresponding record from the aspnet_PersonalizationAllUsers table.

Parameters

Name	Type	Direction
@Count	int	Input/Output
@ApplicationName	nvarchar	Input
@Path	nvarchar	Input

Procedure: aspnet_PersonalizationAdministration_ResetUserState

Description

Resets per-user state for the specified user and the specified page, by deleting the corresponding record from the aspnet_PersonalizationPerUser table. Can also delete records, based on the user's last activity date if it falls on or before the specified date.

Parameters

Name	Type	Direction
@Count	int	Input/Output
@ApplicationName	nvarchar	Input
@InactiveSinceDate	datetime	Input
@UserName	nvarchar	Input
@Path	nvarchar	Input

Procedure: aspnet_PersonalizationAllUsers_GetPageSettings

Description

Retrieves shared state for the specified page from the aspnet_PersonalizationAllUsers table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@Path	nvarchar	Input

Procedure: aspnet_PersonalizationAllUsers_ResetPageSettings

Description

Resets shared state for the specified page, by deleting the corresponding record from the aspnet_PersonalizationAllUsers table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@Path	nvarchar	Input

Procedure: aspnet_PersonalizationAllUsers_SetPageSettings

Description

Saves shared state for the specified page in the aspnet_PersonalizationAllUsers table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@Path	nvarchar	Input
@PageSettings	image	Input
@CurrentTimeUtc	datetime	Input

Procedure: aspnet_PersonalizationPerUser_GetPageSettings

Description

Retrieves per-user state for the specified page and the specified user from the aspnet_PersonalizationPerUser table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@Path	nvarchar	Input
@CurrentTimeUtc	datetime	Input

Procedure: aspnet_PersonalizationPerUser_ResetPageSettings

Description

Resets per-user state for the specified page and the specified user, by deleting the corresponding record from the aspnet_PersonalizationPerUser table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@Path	nvarchar	Input
@CurrentTimeUtc	datetime	Input

Procedure: aspnet_PersonalizationPerUser_SetPageSettings

Description

Saves per-user state for the specified page and the specified user in the aspnet_PersonalizationPerUser table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@Path	nvarchar	Input
@PageSettings	image	Input
@CurrentTimeUtc	datetime	Input

Procedure: aspnet_Profile_DeleteInactiveProfiles

Description

Deletes profile data from the aspnet_Profile table for users whose last activity dates in the aspnet_Users table fall on or before the specified date.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@ProfileAuthOptions	int	Input
@InactiveSinceDate	datetime	Input

Procedure: aspnet_Profile_DeleteProfiles

Description

Deletes profile data from the aspnet_Profile table for the specified users.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserNames	nvarchar	Input

Procedure: aspnet_Profile_GetNumberOfInactiveProfiles

Description

Queries the aspnet_Profile table to get a count of profiles whose last activity dates (in the aspnet_Users table) fall on or before the specified date.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@ProfileAuthOptions	int	Input
@InactiveSinceDate	datetime	Input

Procedure: aspnet_Profile_GetProfiles

Description

Retrieves profile data from the aspnet_Profile table for users who match the criteria input to the stored procedure.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@ProfileAuthOptions	int	Input
@PageIndex	int	Input
@PageSize	int	Input
@UserNameToMatch	nvarchar	Input
@InactiveSinceDate	datetime	Input

Procedure: aspnet_Profile_GetProperties

Description

Retrieves profile data for the specified user.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@CurrentTimeUtc	datetime	Input

Procedure: aspnet_Profile_SetProperties

Description

Saves profile data for the specified user.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@PropertyNames	ntext	Input
@PropertyValuesString	ntext	Input
@PropertyValuesBinary	image	Input
@UserName	nvarchar	Input
@IsUserAnonymous	bit	Input
@CurrentTimeUtc	datetime	Input

Procedure: aspnet_RegisterSchemaVersion

Description

Registers the compatible schema required for the given feature.

Parameters

Name	Type	Direction
@Feature	nvarchar	Input
@CompatibleSchemaVersion	nvarchar	Input
@IsCurrentVersion	bit	Input
@RemoveIncompatibleSchema	bit	Input

Procedure: aspnet_Roles_CreateRole

Description

Adds a role to the aspnet_Roles table and, if necessary, adds a new application to the aspnet_Applications table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@RoleName	nvarchar	Input

Procedure: aspnet_Roles_DeleteRole

Description

Removes a role from the aspnet_Roles table. Optionally deletes records referencing the deleted role from the aspnet_UsersInRoles table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@RoleName	nvarchar	Input
@DeleteOnlyIfRoleIsEmpty	bit	Input

Procedure: aspnet_Roles_GetAllRoles

Description

Retrieves all roles with the specified application ID from the aspnet_Roles table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input

Procedure: aspnet_Roles_RoleExists

Description

Checks the aspnet_Roles table to determine whether the specified role exists.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@RoleName	nvarchar	Input

Procedure: aspnet_Setup_RemoveAllRoleMembers

Description

Removes all roles from the given SQL account.

Parameters

Name	Type	Direction
@name	nvarchar	Input

Procedure: aspnet_Setup_RestorePermissions

Description

Restores permissions to the given SQL account.

Parameters

Name	Type	Direction
@name	nvarchar	Input

Procedure: aspnet_UnRegisterSchemaVersion

Description

Unregisters the schema version for the given feature.

Parameters

Name	Type	Direction
@Feature	nvarchar	Input
@CompatibleSchemaVersion	nvarchar	Input

Procedure: aspnet_Users_CreateUser

Description

Adds a user to the aspnet_Users table. Called by aspnet_Membership_CreateUser.

Parameters

Name	Type	Direction
@ApplicationId	uniqueidentifier	Input
@UserName	nvarchar	Input
@IsUserAnonymous	bit	Input
@LastActivityDate	datetime	Input
@UserId	uniqueidentifier	Input/Output

Procedure: aspnet_Users_DeleteUser

Description

Deletes a user from the aspnet_Membership table and optionally from other SQL provider tables, including aspnet_Users.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@TablesToDeleteFrom	int	Input
@NumTablesDeletedFrom	int	Input/Output

Procedure: aspnet_UsersInRoles_AddUsersToRoles

Description

Adds the specified users to the specified roles by adding them to the aspnet_UsersInRoles table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserNames	nvarchar	Input
@RoleNames	nvarchar	Input
@CurrentTimeUtc	datetime	Input

Procedure: aspnet_UsersInRoles_FindUsersInRole

Description

Queries the aspnet_UsersInRoles table for all users belonging to the specified role whose user names match the specified pattern.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@RoleName	nvarchar	Input
@UserNameToMatch	nvarchar	Input

Procedure: aspnet_UsersInRoles_GetRolesForUser

Description

Queries the aspnet_UsersInRoles table for all roles assigned to a specified user.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input

Procedure: aspnet_UsersInRoles_GetUsersInRoles

Description

Queries the aspnet_UsersInRoles table for all users belonging to the specified role.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@RoleName	nvarchar	Input

Procedure: aspnet_UsersInRoles_IsUserInRole

Description

Checks the aspnet_UsersInRoles table to determine whether the specified user belongs to the specified role.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserName	nvarchar	Input
@RoleName	nvarchar	Input

Procedure: aspnet_UsersInRoles_RemoveUsersFromRoles

Description

Removes the specified users from the specified roles by deleting the corresponding records from the aspnet_UsersInRoles table.

Parameters

Name	Type	Direction
@ApplicationName	nvarchar	Input
@UserNames	nvarchar	Input
@RoleNames	nvarchar	Input

Procedure: aspnet_WebEvent_LogEvent

Description

Records a Web event in the aspnet_WebEvents_Events table.

Parameters

Name	Type	Direction
@EventId	char	Input
@EventTimeUtc	datetime	Input
@EventTime	datetime	Input
@EventType	nvarchar	Input
@EventSequence	decimal	Input
@EventOccurrence	decimal	Input
@EventCode	int	Input
@EventDetailCode	int	Input
@Message	nvarchar	Input
@ApplicationPath	nvarchar	Input
@ApplicationVirtualPath	nvarchar	Input
@MachineName	nvarchar	Input
@RequestUrl	nvarchar	Input
@ExceptionType	nvarchar	Input
@Details	ntext	Input

A

- ASPNETDB Database 4
- aspnet_Applications 6
- aspnet_Membership 7
- aspnet_Paths 8
- aspnet_PersonalizationAllUsers 9
- aspnet_PersonalizationPerUser 10
- aspnet_Profile 11
- aspnet_Roles 12
- aspnet_SchemaVersions 13
- aspnet_Users 14
- aspnet_UsersInRoles 15
- aspnet_WebEvent_Events 16

P

Procedure

- aspnet_AnyDataInTables 30
- aspnet_Applications_CreateApplication 31
- aspnet_CheckSchemaVersion 32
- aspnet_Membership_ChangePasswordQuestionAndAnswer 33
- aspnet_Membership_CreateUser 34
- aspnet_Membership_FindUsersByEmail 35
- aspnet_Membership_FindUsersByName 36
- aspnet_Membership_GetAllUsers 37
- aspnet_Membership_GetNumberOfUsersOnline 38
- aspnet_Membership_GetPassword 39
- aspnet_Membership_GetPasswordWithFormat 40
- aspnet_Membership_GetUserByEmail 41
- aspnet_Membership_GetUserByName 42
- aspnet_Membership_GetUserById 43
- aspnet_Membership_ResetPassword 44
- aspnet_Membership_SetPassword 45
- aspnet_Membership_UnlockUser 46
- aspnet_Membership_UpdateUser 47
- aspnet_Membership_UpdateUserInfo 48
- aspnet_Paths_CreatePath 49
- aspnet_PersonalizationAdministration_DeleteAllState 51
- aspnet_PersonalizationAdministration_FindState 52
- aspnet_PersonalizationAdministration_GetCountOfState 53
- aspnet_PersonalizationAdministration_ResetSharedState 54
- aspnet_PersonalizationAdministration_ResetUserState 55
- aspnet_PersonalizationAllUsers_GetPageSettings 56
- aspnet_PersonalizationAllUsers_ResetPageSettings 57

aspnet_PersonalizationAllUsers_SetPageSettings 58
aspnet_PersonalizationPerUser_GetPageSettings 59
aspnet_PersonalizationPerUser_ResetPageSettings 60
aspnet_PersonalizationPerUser_SetPageSettings 61
aspnet_Personalization_GetApplicationId 50
aspnet_Profile_DeleteInactiveProfiles 62
aspnet_Profile_DeleteProfiles 63
aspnet_Profile_GetNumberOfInactiveProfiles 64
aspnet_Profile_GetProfiles 65
aspnet_Profile_GetProperties 66
aspnet_Profile_SetProperties 67
aspnet_RegisterSchemaVersion 68
aspnet_Roles_CreateRole 69
aspnet_Roles_DeleteRole 70
aspnet_Roles_GetAllRoles 71
aspnet_Roles_RoleExists 72
aspnet_Setup_RemoveAllRoleMembers 73
aspnet_Setup_RestorePermissions 74
aspnet_UnRegisterSchemaVersion 75
aspnet_UsersInRoles_AddUsersToRoles 78
aspnet_UsersInRoles_FindUsersInRole 79
aspnet_UsersInRoles_GetRolesForUser 80
aspnet_UsersInRoles_GetUsersInRoles 81
aspnet_UsersInRoles_IsUserInRole 82
aspnet_UsersInRoles_RemoveUsersFromRoles 83
aspnet_Users_CreateUser 76
aspnet_Users_DeleteUser 77
aspnet_WebEvent_LogEvent 84

Procedures 27

T

Tables 5

V

Views 17

vw_aspnet_Applications 18

vw_aspnet_MembershipUsers 19

vw_aspnet_Profiles 20

vw_aspnet_Roles 21

vw_aspnet_Users 22

vw_aspnet_UsersInRoles 23

vw_aspnet_WebPartState_Paths 24

vw_aspnet_WebPartState_Shared 25

vw_aspnet_WebPartState_User 26