

# **.NET Active Directory**

*Manage Active Directory functions from your code*

Version 1.0

## Documentation

[dotnetactivedirectory.com](http://dotnetactivedirectory.com)

## Introduction

**.NET Active Directory** is the quickest way to access the most common Active Directory operations from your .NET code. You can very easily add users, add a user to an AD group, change password, disable / enable users. All functions could be called as few as 2 lines of code.

## Included Files

The package includes the following

- .NET Active Directory Component (1 DLL)
- Source code (a Visual Studio 2003 solution)
- Documentation (this document)
- Sample Windows Application Program

## Available Functions

**.NET Active Directory Component** is a binary component that is added to your .net environment in Visual Studio 2003 that allows your business logic to easily access active directory functions within code.

Configuration of the component is easy. Four parameters need to be set in code: The Active Directory domain that needs to be accessed, the username of the account that has permissions to execute Active Directory functions and the password for that account. After that, calling functions is straight forward.

Example code

### Set up

```
DotnetAD.ADAdminUser = "administrator";  
  
DotnetAD.ADAdminPassword = "password";  
  
DotnetAD.ADFullPath = "LDAP://" + "domain.com";  
  
DotnetAD.ADServer = "192.168.0.1";
```

### Adding a user:

```
DirectoryEntry user = DotnetAD.CreateNewUser(this.TxtUsername.Text);
```

**Checking if user exists:**

```
DotnetAD.UserExists("TestUser")
```

**Adding a user to a group**

```
DotnetAD.AddUserToGroup("TestUser", "Administrators");
```

**Enabling an Active Directory user**

```
DotnetAD.EnableUserAccount("TestUser");
```

**Disabling an Active Directory user**

```
DotnetAD.DisableUserAccount(this.TxtUsername.Text);
```

**Set an Active Directory user's password**

```
DotnetAD.SetUserPassword(this.TxtUsername.Text, this.TxtUserPassword.Text);
```

## Contact us

We are more than happy to answer your questions, take suggestions or hear your comments. All emails will be answered within 24 hours so please be patient with us.

You may reach us at [support@dotnetactivedirectory.com](mailto:support@dotnetactivedirectory.com)

Thank you for your feedback.