

ASCET: Use ASCET via Visual Basic



Question

- Is there any documentation regarding the usage of the ASCET API via Visual Basic
- Is it possible to send commands to ASCET from Microsoft Office software like Excel or Outlook?
- Is there any documentation or tutorial available in regards to VBA/Excel and ASCET?



Answer

- Documentation regarding the ASCET API can be found in **<ASCET_installation_directory>/cebra/Etas.AscetNET.chm**
- For example: **C:\ETAS\ASCET6.4.3\cebra\Etas.AscetNET.chm**

The screenshot shows a help window titled "Etas.AscetNET Help". The window has a menu bar with "Hide", "Locate", "Back", "Forward", "Stop", "Refresh", "Home", "Print", and "Options". Below the menu bar are tabs for "Contents", "Index", and "Search". The "Contents" tab is active, showing a tree view with the following items:

- Overview
- de.etas.cebra.socket
- de.etas.cebra.toolAPI
- de.etas.cebra.toolAPI.Ascet
- de.etas.cebra.toolAPI.Common
- de.etas.cebra.toolAPI.Inca

The main content area is titled "ASCET ToolAPI". It contains the following text:

This is the documentation for the ASCET ToolAPI. With the methods described in this help file a software developer has access to the ASCET database and functions from his application:

- Examine and manipulate the contents of an ASCET database
- Specify and analyze ASCET models
- Read and write data and implementation configuration
- Start code generator actions

DISCLAIMER

The functionality of the ToolAPI has been thoroughly tested. However, this interface has not been subject to the complete release tests of ASCET. ETAS GmbH accepts no further obligation in relation to the ToolAPI. ETAS makes every effort to keep the ToolAPI as a stable interface. Only in very exceptional cases the ToolAPI is subject to change. Please read also the important notes at the bottom of this page.

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C# Example:

```
using de.etas.cebra.toolAPI.Ascet;
namespace APITest
{
    class Program
    {
        static void Main()
        {
            Ascet tool = new Ascet();
            AscetDataBase myDataBase = tool.OpenDataBase("newDatabase");
            AscetFolder myFolder = myDataBase.GetAscetFolder("newFolder");
            if (myFolder != null)
            {
                myDataBase.Remove(myFolder, true);
            }
            myFolder = myDataBase.AddAscetFolder("newFolder");
            AscetModule myModule = myFolder.AddModule("newModule", "BDE");
            tool.DisconnectFromTool();
        }
    }
}
```

Example code for BASIC:

```
Set ascet = CreateObject("Ascet.Ascet.6.4.3")
ascet.SwitchLoggingOn()
MsgBox "Version: " & ascet.GetCurrentVersion()
```

```
Set db = ascet.GetCurrentDatabase()
MsgBox "Datenbank: " & db.GetName()
```

```
ascet.DisconnectFromTool()
```



Additional information

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Do you still have questions?

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