

aaudio 范例: 调用 AutoCAD - .NET 接口

```
//aaudio 调用 AutoCAD - .NET 接口
import console;
console.showLoading("正在编译 .NET DLL");

import dotNet;
import com.cad;
var cad = com.cad();
cad.Visible = true;

//创建 C# 语言编译器 (AutoCAD 2025 及之后版本请改用 VS 编译)
var compiler = cad.NetCompiler("C#");

//设置待编译C#源码 ( 注释可赋值为字符串, 注释标记首尾星号数目要一致 )
//支持模板语法: https://www.aaudio.com/zh-cn/doc/language-reference/templating/syntax.html
compiler.Source = /*****
using System;
using System.Collections.Generic;
using System.Text;
using Autodesk.AutoCAD.ApplicationServices;
using Autodesk.AutoCAD.DatabaseServices;
using Autodesk.AutoCAD.Runtime;
using Autodesk.AutoCAD.Windows;
using Autodesk.AutoCAD.EditorInput;

public class TestCAD
{
    [LispFunction("aaudioTestNetApi")]
    public static ResultBuffer TestNetApi(ResultBuffer lspArgs)
    {
        ResultBuffer lspRet = new ResultBuffer();
        if (lspArgs == null) return null;

        TypedValue[] args = lspArgs.AsArray();
        try
        {
            if (args.Length == 2)
            {
                string a = args[0].Value as string;
                string b = args[1].Value as string;

                lspRet.Add(new TypedValue((int)LispDataType.Text, a + b));
            }
        }
        catch (Autodesk.AutoCAD.Runtime.Exception)
        {
            return null;
        }
        return lspRet;
    }
}

*****/

//编译并返回程序集
var assembly = compiler.CompileOrFail("/aaudioTestNetApi.dll");

//加载 C# 生成的 DLL
cad.NetLoad("/aaudioTestNetApi.dll");
cad.NetLoad(
//调用 .NET 创建的 LISP 函数
cad.SendCommand(`(aaudioTestNetApi "abc" "def")`);
cad.ShowForeground();
```