



QUICK INSTALLATION GUIDE





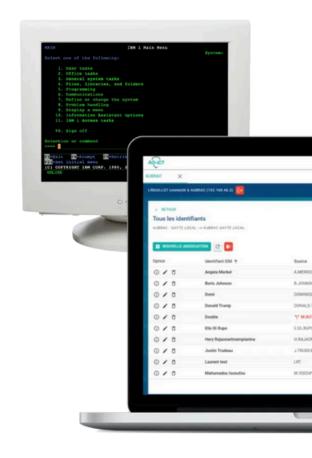
Connect .NET and your IBM i with NTi, for instant access to data, programs, and much more.

INTRODUCTION

NTi is designed to meet a reality that few tools address: you can connect your IBM i to .NET and be operational **in less than 15 minutes.** No disruption in your activities, no training required, no complex configuration.

Everything integrates directly into Visual Studio **through a simple reference**. You code in C# with a familiar syntax and an immediate handling, without tedious preliminaries related to RPG.

Moreover NTi is entirely multi-platform, running as well on **Windows**, **Linux** as **macOS**, and agnostic to IBM i versions. No matter your environment or your system version.



PREREQUISITES

IBM i side:

- TCP/IP services started (*DATABASE, *RMTCMD, *SIGNON)
- License script provided by Aumerial executed via Run SQL Scripts

Once the license installed on IBM i, everything happens on the .NET side.

.NET development:







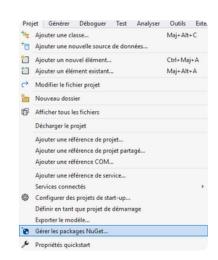




NTi INSTALLATION

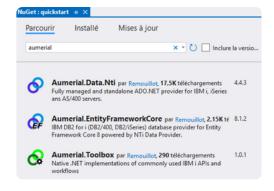
1 Open a Visual Studio project.

Right-click on the solution, then select Manage NuGet Packages.



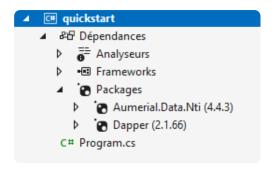
2 Install NTi and Dapper

NTi installs like a standard NuGet package. We also recommend **Dapper**, a lightweight ORM which simplifies SQL query execution and object mapping.



3 Check the installation in Visual Studio

Make sure that **Aumerial.Data.NTi** and **Dapper** appear correctly in the project tree.



CREATE A CONNECTION

1. Reference NTi in the code

Add this line at the beginning of your C# file.

```
using Aumerial.Data.Nti;
using Dapper;
```

Create the connection string

Implement the connection string to your IBM i.

```
var conn = new NTiConnection("server=serverName;user=userName;password=password");
conn.Open();
```

3. Test the connection

Use a *try/catch* block to check if the connection is well established and to retrieve possible errors

CRUD SQL WITH DAPPER

1. CREATE - Insert data

2. READ - Read data

```
var rows = conn.Query("SELECT * FROM MYLIB.MYTABLE");
foreach (var row in rows)
{
    Console.WriteLine($"{row.ID} - {row.Name}");
}
```

3. UPDATE - Update data

4. DELETE - Delete data

IBM i ADMINISTRATION

1. Execute a CL command

```
conn.ExecuteClCommand("CRTLIB LIB(MYLIB) TEXT('My new lib')");
```

2. Call a program with parameter

3. Call a stored procedure

CONTACT

A team at your service. Request your trial license for free today.

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The future of IBM i is written in .NET



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