

# OPC Client Toolkit

## Target

With the Tani OPC Client Toolkit a program gains access to OPC systems available in the network or running on the same machine.

The focus lies in controllers and devices.

## Functions

- Browse
- Synchronous read
- Asynchronous read (Data per event)
- Synchronous write
- Variables, texts, arrays, structures
- File functions (over RPC)

## OPC Variants

Supported are OPC-UA and OPCpipe.

## Programming Languages

The libraries are existing as dll (Windows) or shared objects (Linux). The calling conventions are that from the underlying operation system.

The package includes

- Program in C. Usable on all systems.
- Program in C#. Usable on all systems.
- Libraries for the supported operation systems.

## Operating systems

Supported are all operating systems the products OPC Server or PLC Engine are existing. This are

- Windows
  - From Windows XP up to Windows 10. The server variants are supported also.
  - 32 and 64 Bit
  - INTEL processors and compatible
- Linux
  - The OPC Toolkit it POSIX compatible. So all systems with GLIBC or uGLIBC can be used.
  - INTEL processors and compatible. 32 and 64 Bit
  - ARM processors. 32 and 64 Bit
  - MIPS processors. 32 and 64 Bit
  - Please call for other processors.
  - Multicore systems are recommended. Single CPU systems can be used also.

Not all programming languages do exist for all platforms. So the Microsoft .NET languages are mostly existing for Windows. c# unter Linux is basing on .NET Core.

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**Warning:** include(): Failed opening 'DataSheet/TechnicsOpcClientToolkit.inc' for inclusion (include\_path='.:usr/share/php5:usr/share/php5/PEAR') in /tani/Prj/Prj/Website/pl/DataSheetOpcClientToolkit.php on line 10