

# Data Sheet PythonEditor



„PythonEditor“ facilitates the automation of development processes through the integrated CODESYS ScriptEngine using sophisticated IntelliSense technology.

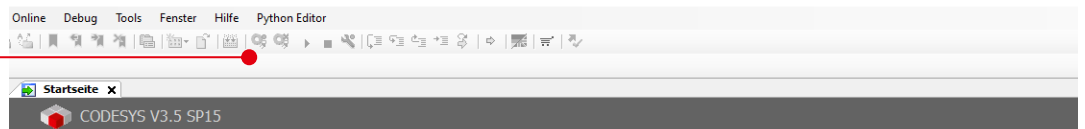
## Product Description

„PythonEditor“ is a plug-in for the CODESYS Development System and provides simplified access to important **CODESYS functionalities** via the integrated Python module “ScriptEngine”.

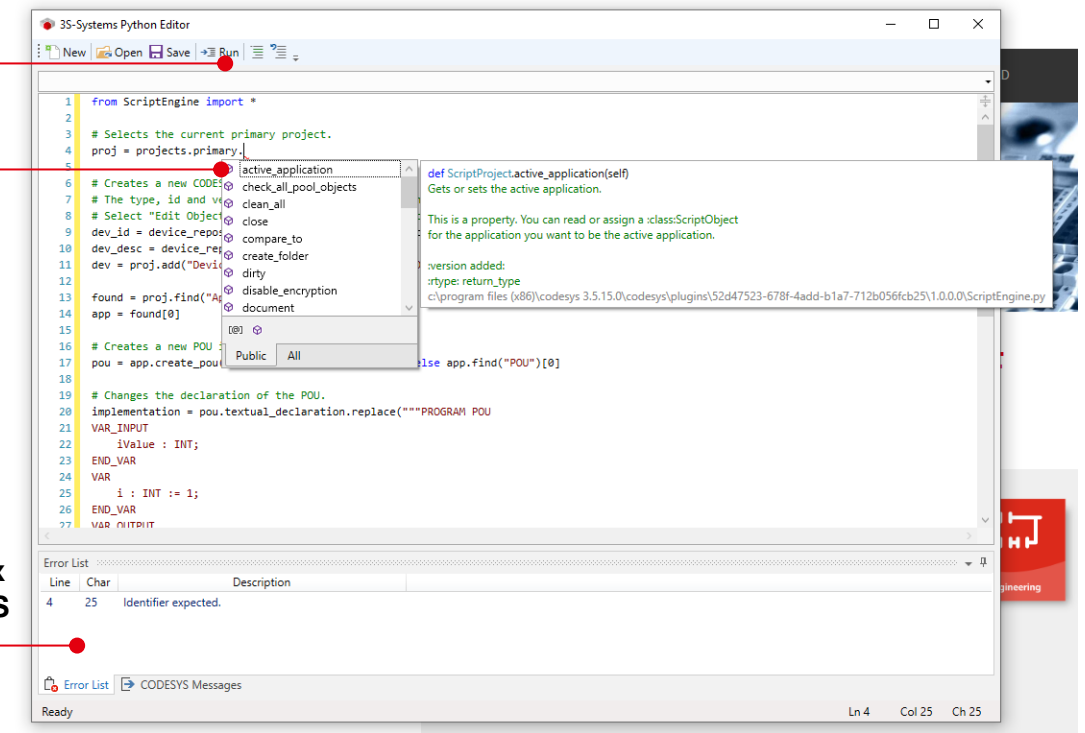
In addition to autocompletion and syntax highlighting features, code decomposition and smart indentation also serve as tools to increase productivity while developing automation solutions for CODESYS projects based on Python scripts.

As a result, the **“Scripting Engine”** not only enables the integration of CODESYS into automated build server environments, but also the updating of libraries, code generation or the dynamic creation of machine configurations.

### Menu Item: PythonEditor



### Script-Execution- Button



### IntelliSense- Suggestions

### Textfield for Syntax Errors or CODESYS System Messages

Functions of the CODESYS-PlugIn „PythonEditor“

## General Information



<b>Manufacturer</b>	3S-Systems GmbH Marienweg 4a 31542 Bad Nenndorf Germany
<b>Support</b>	plugin@3s-systems.com
<b>Item</b>	<b>PythonEditor</b>
<b>Item number</b>	2101000012
<b>Sales</b>	CODESYS Store store.codesys.com
<b>Included in delivery</b>	<ul style="list-style-type: none"> <li>▪ "PythonEditor"-Package including license agreement and software license key</li> <li>▪ Quick Start Guide for Python 2.7 and the CODESYS ScriptEngine</li> </ul>

## System Requirements and Restrictions

<b>Programming System</b>	CODESYS Development System V3.5.15.0 or higher
<b>Runtime System</b>	CODESYS Control V3.5.15.0
<b>Supported Platforms / Devices</b>	All platforms and devices with CODESYS-support of version V3.5 SP15. Notice: Use the project 'Device Reader' to find out the supported features of your device. 'Device Reader' is available for free in the CODESYS Store.
<b>Additional Requirements</b>	The usage of the CODESYS functionalities via the ScriptEngine requires general programming knowledge with Python 2.7.
<b>Restrictions</b>	-
<b>Licensing</b>	License activation optional on CODESYS Runtime Key or CODESYS Soft Key (free part of the CODESYS Development System). The licensing via soft container is strictly bound to the hardware.
<b>Required Accessories</b>	Optional: CODESYS Runtime Key or CODESYS Soft Key