# AXprotect

Solution for X++ source code protection

AXprotect is a software solution for X++ source code protection in Microsoft Dynamics AX. The fully integrated module protects your applications from reverse engineering and unauthorized modifications by obfuscation saving your intellectual property.

AXprotect uses program language elements that already exist in Microsoft Dynamics AX with no external component requirements. The obfuscated source code remains completely compile- and executable, but humans cannot identify the code anymore. Obfuscated methods may be protected additionally with a checksum against manipulation.

AXprotect is operated via the user interface of Microsoft Dynamics AX.

AXprotect has an integrated version control system providing access to the current version as well as to all previous versions of unencrypted and encrypted source codes.
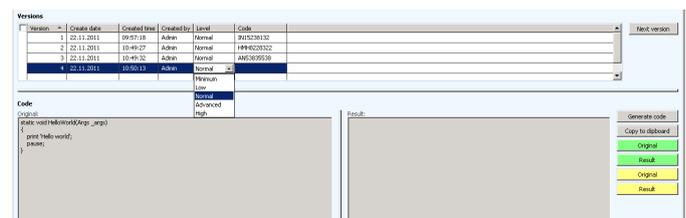
For the source code encryption five levels are available for selection. A higher encryption level increases the complexity of the encrypted source code. Methods can be encrypted completely or partly.
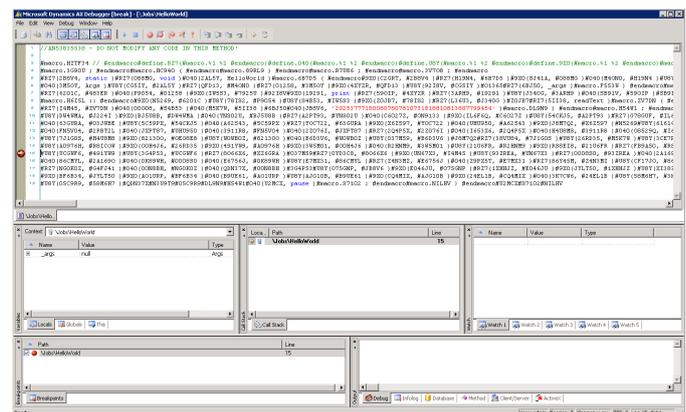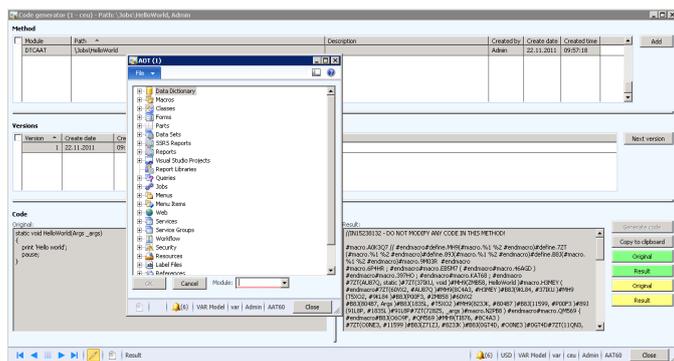
The methods to be encrypted are easily selectable via the AOT browser. For encryption and transport of the encrypted code as well as for restore the original source code to the target method simply push a button, either with or without automatic compilation.

The encrypted source code remains protected when using the debugger.

AXprotect is available for the Microsoft Dynamics AX versions 4.0, 2009 und 2012.

Microsoft Dynamics™ AX

For further information, please visit www.axprotect.com

AXlicense

Solution for customer licensing in Microsoft Dynamics AX

AXlicense is a software extension of AXprotect for customer licensing of partner solutions in Microsoft Dynamics AX. The fully integrated module offers the generation of customer specific license codes and the integration of license verification in applications.
AXlicense is fully integrated in Microsoft Dynamics AX without any usage of external components. AXlicense consists of two modules, the partner module for license generation and the customer module for licensing and license verification.

With the partner module license codes are generated based on the following data:

› Module name
› Individual partner basic key
› Microsoft Dynamics AX version (All, 4.0, 5.0, 6.0)
› AX customer license name
› AX customer serial number
› AX customer licensed users
› License expiry date
› Maximum number of online users

The license verification can be inserted with AXprotect in the methods source code methods via the comment „//AXlicense".
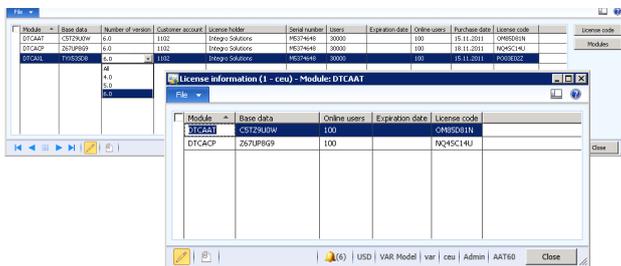
With the AXprotect encryption the comment „//AXlicense" will be replaced by the license verification and the method checksum control. In case of invalid license parameters or a wrong method checksum, the execution of the protected object will be terminated in the customer system and an error message will be displayed. Only protected objects are affected by the license verification.

AXlicense is available for the Microsoft Dynamics AX versions 4.0, 2009 und 2012.

For further information, please visit www.axlicense.com

Contact:

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