

Ejercicio A.4: Interoperabilidad .NET en entornos cloud

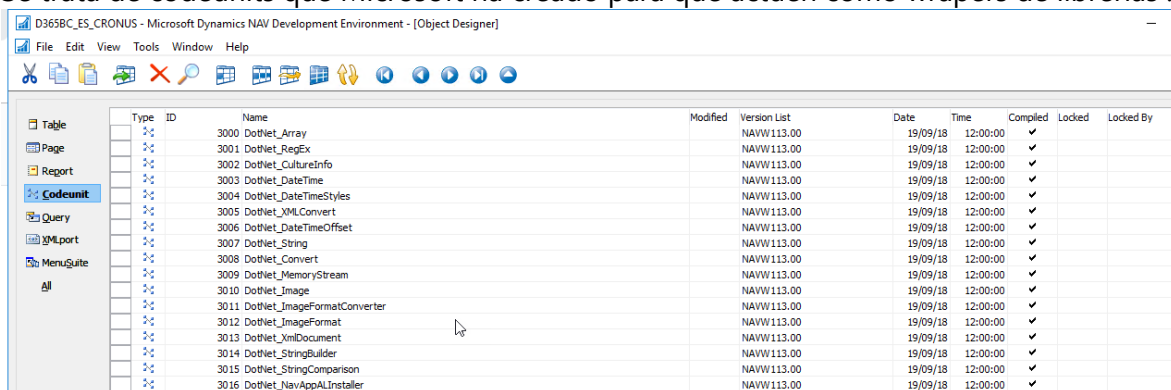
En desarrollos para instalaciones cloud, no se pueden usar variables .NET directamente en el código AL.

Hay tres formas de poder usar librerías .NET en entornos cloud:

1. Debe existir una codeunit en C/SIDE que actúe como interface
2. Publicar la librería como una función Azure
3. Instalar la librería en servidores de nuestro control, y llamar a sus métodos vía WebService

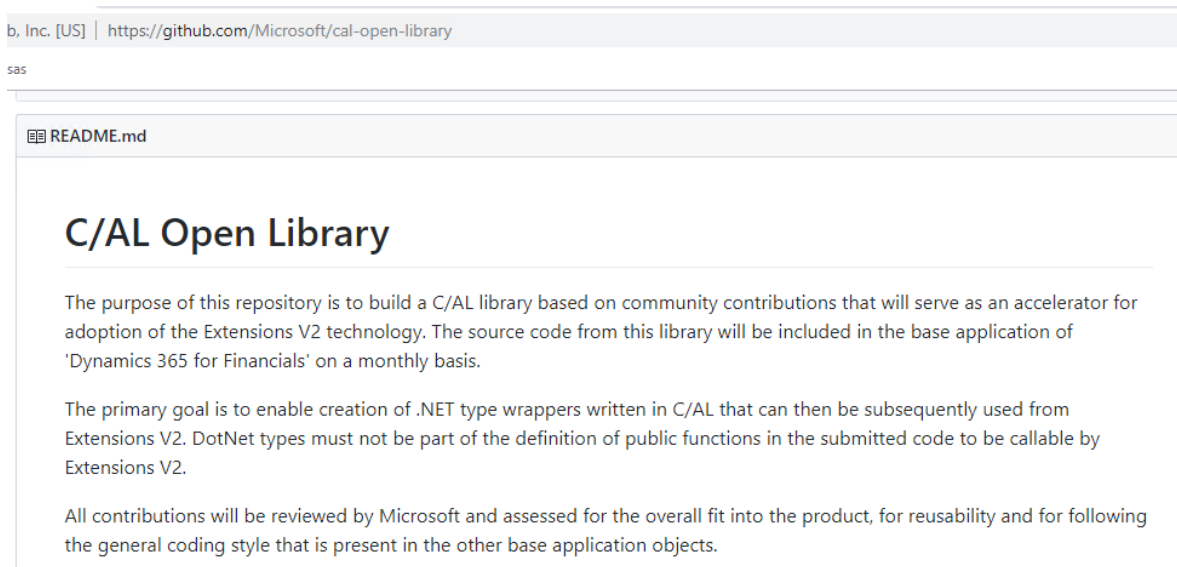
Con el release de BC13, la aplicación base cuenta con 30 nuevas codeunits, con IDs en el rango 3000.

Se trata de codeunits que Microsoft ha creado para que actúen como wrappers de librerías .net



Type	ID	Name	Modified	Version List	Date	Time	Compiled	Locked	Locked By
Codeunit	3000	DotNet_Array		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3001	DotNet_RegEx		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3002	DotNet_CultureInfo		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3003	DotNet_DateTime		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3004	DotNet_TimeStyles		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3005	DotNet_XMLConvert		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3006	DotNet_DateTimeOffset		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3007	DotNet_String		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3008	DotNet_Convert		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3009	DotNet_MemoryStream		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3010	DotNet_Image		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3011	DotNet_ImageFormatConverter		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3012	DotNet_ImageFormat		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3013	DotNet_XmlDocument		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3014	DotNet_StringBuilder		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3015	DotNet_StringComparison		NAVW113.00	19/09/18	12:00:00	✓		
Codeunit	3016	DotNet_NavAppAllInstaller		NAVW113.00	19/09/18	12:00:00	✓		

El proyecto para crear estas librerías es OpenSource. <https://github.com/Microsoft/cal-open-library>



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README.md

C/AL Open Library

The purpose of this repository is to build a C/AL library based on community contributions that will serve as an accelerator for adoption of the Extensions V2 technology. The source code from this library will be included in the base application of 'Dynamics 365 for Financials' on a monthly basis.

The primary goal is to enable creation of .NET type wrappers written in C/AL that can then be subsequently used from Extensions V2. DotNet types must not be part of the definition of public functions in the submitted code to be callable by Extensions V2.

All contributions will be reviewed by Microsoft and assessed for the overall fit into the product, for reusability and for following the general coding style that is present in the other base application objects.

En caso de necesitar más interfaces, o ampliar la funcionalidad de las existentes, se puede solicitar en GitHub, o se puede colaborar directamente con el proyecto.