Question

Anthony Harrison · May 27, 2021

How to convert a %Stream.GlobalBinary into a byte array to pass to a DLL

We need to know how to pass a certain value, which in the .NET world is described as a byte array (i.e. byte[])

Background:

We have various libraries that were created in .NET 4.5 that are registered for COM interom, an example that we have is as follows:

.NET Signature:

public static byte[] CreateQrCode(string content, int width, int height, string imageFormat)

.NET utilisation:

byte[] image = Writer.CreateQrCode("http://redacted/", 100, 100, "png");

Intersystems utilisation:

do streamQrCode.CopyFrom(objGenerator.CreateQrCode("http://redacted/",100,100,"png"))

PROBLEM: We need to know what object to pass from Intersystems that the .NET DLL will receive it as a byte[] (i.e. byte array). The two values that we don't know how to pass are howtopassthis1 and howtopassthis2

.NET Signature:

byte[] DrawImage(byte[] backgroundImage, byte[] imageToDraw, float x, float y, float width, float height, string imageFormat)

.NET Utilisation:

byte[] resultingimage = Writer.DrawImage(backgroundimage, smallimage, 1400, 600, 600, 300, "png");

Intersystems Utilisation:

do streamNewImage.CopyFrom(objGenerator.DrawImage(howtopassthis1, howtopassthis2, 1400, 600, 600, 300, "png"))

Can anyone help us pass howtopassthis1 and howtopassthis2?

#Caché