Question
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Conversion of a variable from Binary in to Decimal

I have been working within Objectscript for a few months and I am seeking assistance today because all of the help files within the docs.intersystems.com domain are currently down and they wont be back up until next week. (I raised a special ticket for this)

I have been trying to figure out how to convert a binary number 0101001 in to a decimal number using a variable called CNumber and I have tried using the method below and it hasnt worked. I think it may be due to the fact that this assumes an array or some sort. I tried using online hexadecimal calculators and the resulting output is incorrect.

If RNumber is 100

```
//for i=$LENGTH(RNumber):-1:1 {
    //set RowResult = RowResult + ( $EXTRACT(RNumber(i)) * Power )
    //set Power = Power * 2
//}
```

The RowResult = 512

And as you can appreciate this isn't the number I am looking for.

Does anyone know of a reliable way of obtaining the Binary to Decimal result that I desire ?

Thanks in advance

[#Development Environment](#) [#ObjectScript](#) [#InterSystems IRIS](#)
Product version: IRIS 2021.1
$ZV: 1.1