



## Using ClearImage in PHP

### Barcode Reading Code Example

The following example demonstrates the typical use of the ClearImage COM Servers. This particular example reads 1D barcodes from an image file. However, by referring to the online help you can easily use any of the other available methods.

```
<?php
# To insert line breaks in HTML output replace \n with <br>
# Create and Configure ClearImage Object
$Ci = new COM("ClearImage.ClearImage");

# Create the 1D Barcode Pro object. Use any of the other engines here.
$Bc = $Ci->CreateBarcodePro();

# Open file.
$File = 'c39.tif'; # Use YOUR file name
$Bc->Image->Open($File);

# Set reading parameters. Update values if needed. See Online API help
$Bc->AutoDetect1D = 65535;
$Bc->Directions = 1; $Bc->Algorithm = 2;

# Read Barcodes
$BCcount = $Bc->Find(0);
echo "\nBarcodes: $BCcount\n";
if ($BCcount == 0)
    {$Msg = "No barcodes found in $File \n"; exit($Msg);}

for ($i=1;$i<=$BCcount;$i++) {
    echo "Barcode # $i ";
    $FBc = $Bc->BarCodes($i);
    # NOTE: Text value will terminate on the first null in data
    echo "Type: $FBc->Type Length: $FBc->Length\n";
    echo "Barcode Value: $FBc->Text\n";
    echo " Binary Data in Hex: \n ";
    $hex_ary = array(); $cnt = 0;
    foreach ($FBc->Data as $chr)
    {
        $hex_ary[] = sprintf("%02X", $chr);
        $cnt = $cnt+1;
        if ($cnt == 16) //break lines after 16 numbers
        {$hex_ary[] = sprintf("\n"); $cnt=0;}
    }
    echo implode(' ', $hex_ary);
    echo "\n";
}
?>
```

## Driver License / ID Reading Code Example

The following example demonstrates the typical use of the ClearImage DL/ID Reader.

```
<?php
# NOTE to insert line breaks in HTML output replace \n with <br>

# Create and Configure DL/ID Reader Object
$Reader = new COM("ClearImageDLID.Reader");

# Open file.
$File = 'cadl.jpg';      # Use YOUR file name
$Reader->Image->Open($File);

# Read PDF417 from DL/ID or any other image file image
$FBc = $Reader->Read2D();

# Print Text Representation of each barcode
if ($FBc == NULL)
    {$Msg = "No PDF417 barcode found by DL/ID reader in $File $CR";
    exit($Msg);}

# NOTE: Text value will terminate on the first null in data
echo "Length: $FBc->Length Text Value: $FBc->Text \n";

# Display barcodes binary values in HEX value will terminate on the
first 0 (zero) in data
echo "Binary Data: \n ";
$hex_ary = array(); $cnt = 0;
foreach ($FBc->Data as $chr)
    {
        $hex_ary[] = sprintf("%02X", $chr);
        $cnt = $cnt+1;
        if ($cnt == 16) //break lines after 16 numbers
            {$hex_ary[] = sprintf("\n"); $cnt=0;}
    }
echo implode(' ', $hex_ary);
echo "\n\n";

# NOTE: The rest of this example is strictly for parsing
# North American Driver License data.  If your identity document or
# image is from a different source, then comment out this call
PrintDrvLic($FBc->Text);
```

```

# Display parsed Driver License data
function PrintDrvLic ($txt)
{
$Decoder = new COM("ClearImageDLID.DLDecoder");
$Decoder->Decode($txt);
echo "Decoded DL Data: \n ";
if (strlen($Decoder->last) > 0)
{
echo ("last: $Decoder->last \n");
echo ("first: $Decoder->first \n");
echo ("middle: $Decoder->middle \n");
echo ("suffix: $Decoder->suffix \n");
echo ("dob: $Decoder->dob \n");
echo ("eyes: $Decoder->eyes \n");
echo ("hair: $Decoder->hair \n");
echo ("sex: $Decoder->sex \n");
echo ("height: $Decoder->height \n");
echo ("weight: $Decoder->weight \n");
echo ("street: $Decoder->street \n");
echo ("city: $Decoder->city \n");
echo ("state: $Decoder->state \n");
echo ("postal: $Decoder->postal \n");
echo ("country:$Decoder->country \n");
echo ("id: $Decoder->id \n");
echo ("issued: $Decoder->issued \n");
echo ("expires:$Decoder->expires \n");
}
echo ("\n XML Data: $Decoder->xml \n");
}
?>

```