

SSRS: Export Reports Without WebPortal

If you're trying to export all the RDL, data sources, gif, and other files of a set of reports, but the SSRS web portal is inaccessible, this method will pull them from the report engine database backend.

Taken from here: [Export of SSRS reports datasources and images](#)

```
<# .SYNOPSIS
    Export of SSRS reports datasources and images
.DESCRIPTION
    This PowerShell script exports all (or filtered) reports, data sources and images directly from the
ReportServer database
    to a specified folder. For the file name the complete report path is used; for file name invalid characters are
replaced with a -.
    Reports are exported with .rdl as extension, data sources with .rds and resources without any additional
extension.
    Please change the "Configuration data" below to your enviroment.
    Works with SQL Server 2005 and higher versions in all editions.
    Requires SELECT permission on the ReportServer database.
.NOTES
    Author : Olaf Helper
    Requires: PowerShell Version 1.0, Ado.Net assembly
.LINK
    GetSqlBinary: http://msdn.microsoft.com/en-
us/library/system.data.sqlclient.sqldatareader.getsqlbinary.aspx
#>
param(
    [Parameter(Mandatory=$true)] [string]$serverName, # server name and instance
    [Parameter(Mandatory=$true)] [string]$databaseName, # ReportServer Database.
    [Parameter()] [string]$outputDirectory = 'C:\Temp\' # Path to export the reports to.
)

# Select-Statement for file name & blob data with filter.
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```

$sql = "SELECT CT.[Path]
      ,CT.[Type]
      ,CONVERT(varbinary(max), CT.[Content]) AS BinaryContent
FROM dbo.[Catalog] AS CT
WHERE CT.[Type] IN (2, 3, 5)";

# Open ADO.NET Connection with Windows authentication.
$con = New-Object Data.SqlClient.SqlConnection;
$con.ConnectionString = "Data Source=$serverName;Initial Catalog=$databaseName;Integrated
Security=True;";
$con.Open();

Write-Output ((Get-Date -format yyyy-MM-dd-HH:mm:ss) + ": Started ...");

# New command and reader.
$cmd = New-Object Data.SqlClient.SqlCommand $sql, $con;
$rd = $cmd.ExecuteReader();

$invalids = [System.IO.Path]::GetInvalidFileNameChars();
# Looping through all selected datasets.
While ($rd.Read())
{
    Try
    {
        # Get the name and make it valid.
        $name = $rd.GetString(0);
        foreach ($invalid in $invalids)
        { $name = $name.Replace($invalid, "-"); }

        If ($rd.GetInt32(1) -eq 2)
        { $name = $name + ".rdl"; }
        Elseif ($rd.GetInt32(1) -eq 5)
        { $name = $name + ".rds"; }

        Write-Output ((Get-Date -format yyyy-MM-dd-HH:mm:ss) + ": Exporting {0}" -f $name);

        $name = [System.IO.Path]::Combine($outputDirectory, $name);

        # New BinaryWriter; existing file will be overwritten.
        $fs = New-Object System.IO.FileStream ($name), Create, Write;

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$bw = New-Object System.IO.BinaryWriter($fs);

# Read of complete Blob with GetSqlBinary
$bt = $rd.GetSqlBinary(2).Value;
$bw.Write($bt, 0, $bt.Length);
$bw.Flush();
$bw.Close();
$fs.Close();
}
Catch
{
    Write-Output ($_.Exception.Message)
}
Finally
{
    $fs.Dispose();
}
}

# Closing & Disposing all objects
$rd.Close();
$cmd.Dispose();
$con.Close();
$con.Dispose();

Write-Output ((Get-Date -format yyyy-MM-dd-HH:mm:ss) + ": Finished");
```

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