

Article

[Robert Cemper](#) · Aug 23, 2017 2m read

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Light weight EXCEL download

I worked through the Community for proposals to provide end users in an easy way with data formatted as EXCEL sheet.

There is a great article [Tips & Tricks - SQL to Excel](#)

there's an important message embedded: "EXCEL can interpret HTML tables and display them as usual"

Where's the light weight export to EXCEL ?

Good old CSP is well equipped to produce HTML tables accepted from EXCEL as input.

With modern Browsers you don't even need `<head>` and `<body>` tags.

So the required code around your SQL result set is really slim.

And you are free to add any formatting you need either by HTML or in SQL.

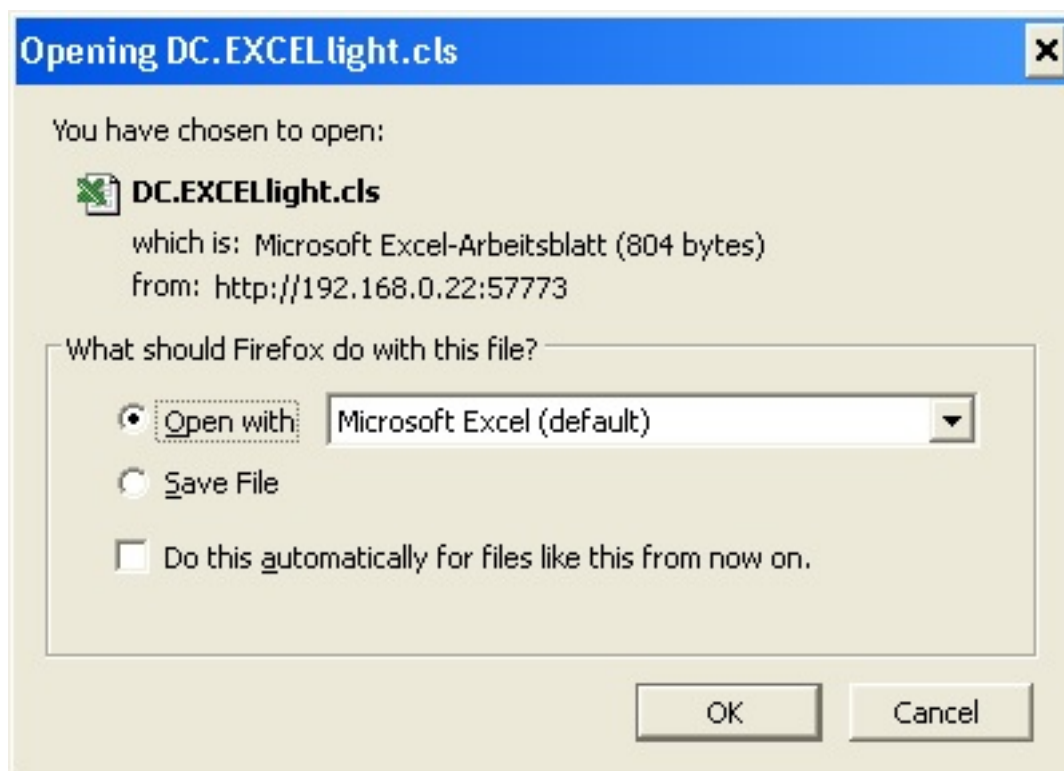
The final trick to move your table from browser to EXCEL:

In the method `OnPreHTTP` inherited from `%CSP.Page` you

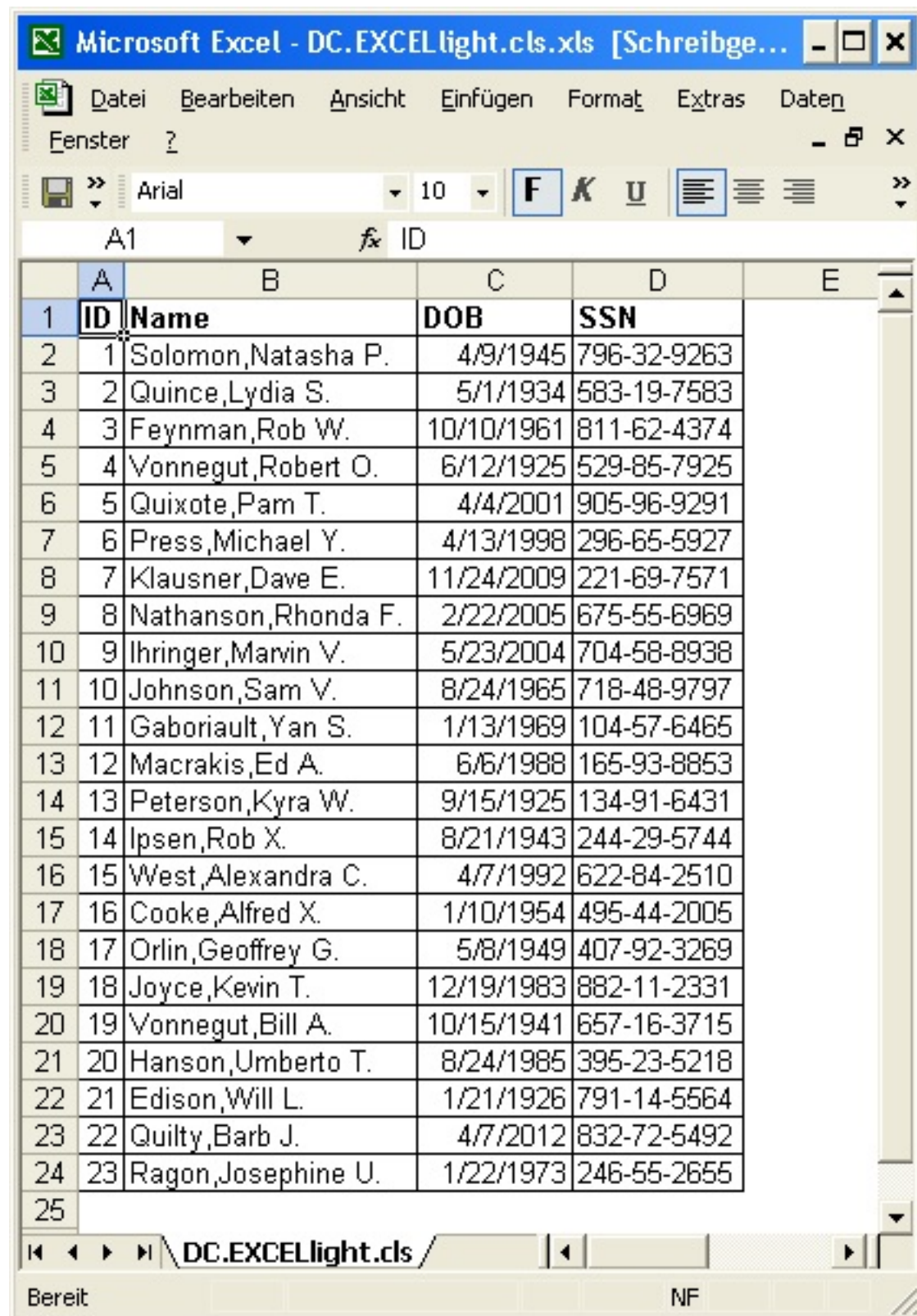
set `%response.ContentType="application/vnd.ms-excel"`

Now when you call the class with your browser you get asked to open or to save it.

Next , because the extension is `.cls` you get asked for the program to open it.



And if you select EXCEL the table is ready for the user to work with it.



	A	B	C	D	E
1	ID	Name	DOB	SSN	
2	1	Solomon, Natasha P.	4/9/1945	796-32-9263	
3	2	Quince, Lydia S.	5/1/1934	583-19-7583	
4	3	Feynman, Rob W.	10/10/1961	811-62-4374	
5	4	Vonnegut, Robert O.	6/12/1925	529-85-7925	
6	5	Quixote, Pam T.	4/4/2001	905-96-9291	
7	6	Press, Michael Y.	4/13/1998	296-65-5927	
8	7	Klausner, Dave E.	11/24/2009	221-69-7571	
9	8	Nathanson, Rhonda F.	2/22/2005	675-55-6969	
10	9	Ihringer, Marvin V.	5/23/2004	704-58-8938	
11	10	Johnson, Sam V.	8/24/1965	718-48-9797	
12	11	Gaboriault, Yan S.	1/13/1969	104-57-6465	
13	12	Macrakis, Ed A.	6/6/1988	165-93-8853	
14	13	Peterson, Kyra W.	9/15/1925	134-91-6431	
15	14	Ipsen, Rob X.	8/21/1943	244-29-5744	
16	15	West, Alexandra C.	4/7/1992	622-84-2510	
17	16	Cooke, Alfred X.	1/10/1954	495-44-2005	
18	17	Orlin, Geoffrey G.	5/8/1949	407-92-3269	
19	18	Joyce, Kevin T.	12/19/1983	882-11-2331	
20	19	Vonnegut, Bill A.	10/15/1941	657-16-3715	
21	20	Hanson, Umberto T.	8/24/1985	395-23-5218	
22	21	Edison, Will L.	1/21/1926	791-14-5564	
23	22	Quilty, Barb J.	4/7/2012	832-72-5492	
24	23	Ragon, Josephine U.	1/22/1973	246-55-2655	
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Summary:

This could be a slim solution for rater static SQL queries.
Well suited to serve a wide distributed population of users.

- No need for additional EXCEL installation on Caché server
- No need for new Caché version + license upgrades to run ZENreports

- No need for extra transport to move results to users
- No need for local installed software (Squirrel)
- No need for additional management of SQL access rights

Rather small size of code with simple structure

Now you will understand why I titled the article "Light Weight"

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