Article

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 Open Exchange

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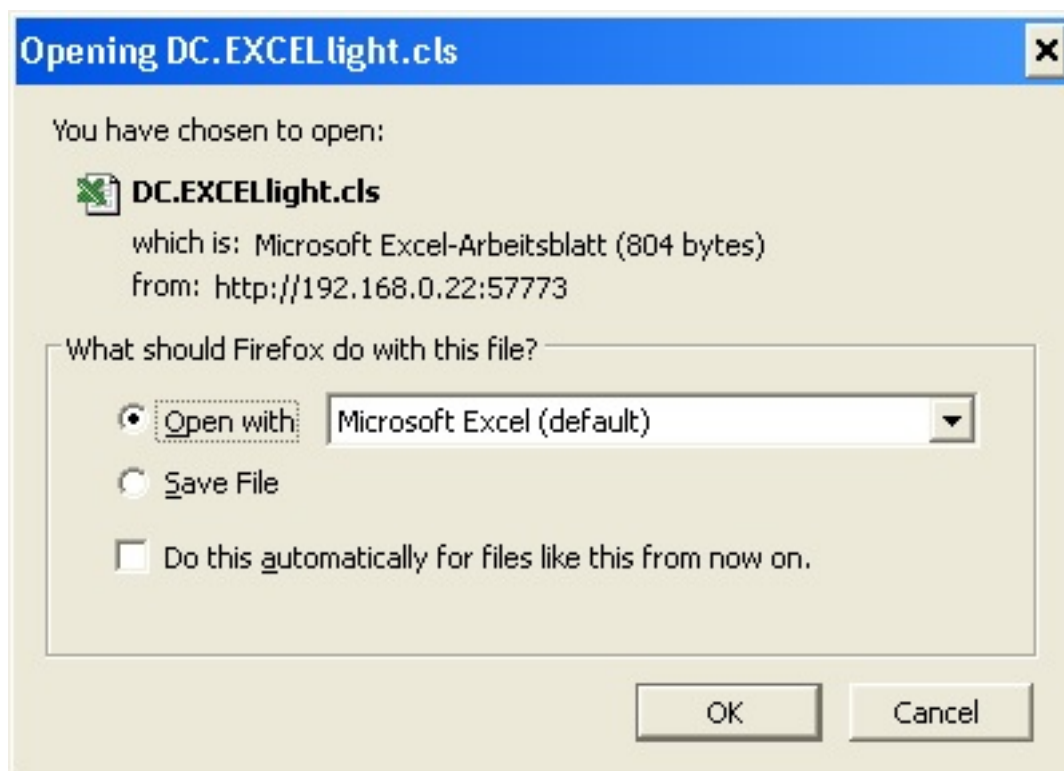And you are free to add any formatting you need either by HTML or in SQL.

The final trick to move your table from browser to EXCEL:
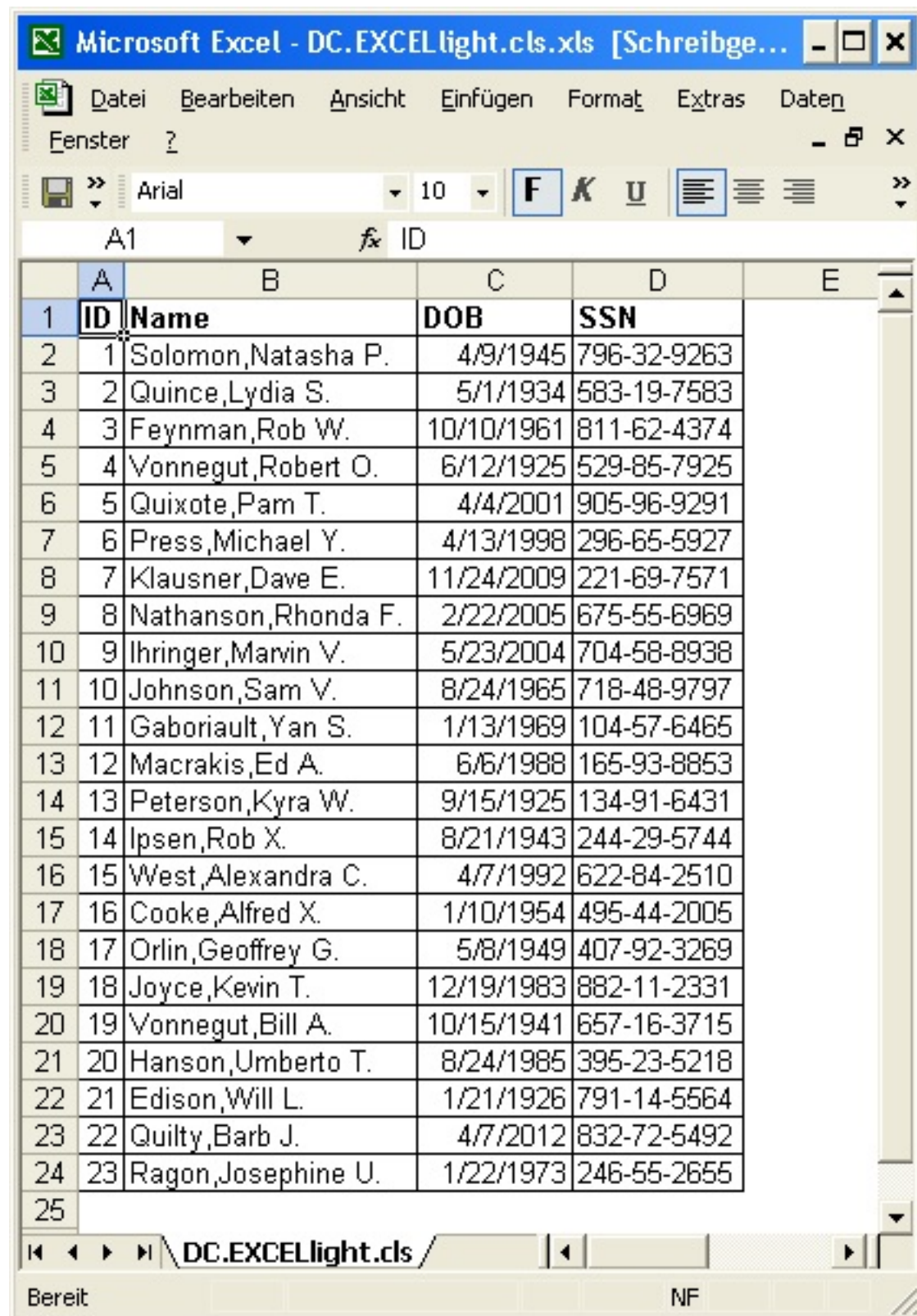In the method OnPreHTTP inherited from %CSP.Page you
set %response.ContentType="application/vnd.ms-excel"

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

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 ZEN reports

- No need for extra transport to move results to users
- No need for local installed 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"

 GitHub

#CSP #ObjectScript #SQL #Caché #InterSystems IRIS
Check the related application on InterSystems Open Exchange

Source URL:https://community.intersystems.com/post/light-weight-excel-download