Hi John, how are you?

I’ve just taken a look to this issue. It seems to be some kind of bug with the attribute varyByParam. When it is used in a OutputCache Profile in the web.config it is simply ignored. If you need to use output cache in only one action method I would suggest to directly set the VaryByParam value directly on the OutputCacheAttribute it will be the simplest option. Otherwise you can build a custom attribute that inherits from OutputCacheAttribute and retrieves properly the VaryByParam value from the profile in the config.

Also, bear in mind that there is something that datatable does that is killing the cache. Datatables sends with every request the property sEcho which is different for every call to the server. This value is used to identify the order on which multiple server-calls where issued, so datatable may recognize and render only the last one.

Luckly, datatable lets us customize the way we retrieve things from the server with the property fnServerData, so we can avoid send the property sEcho with a little work-around.

Attached to this email, you’ll find the sample project I made to reproduce these issues. You can check there the fixes I mentioned above.

Tell me if you find any problem with it, or if anything else happen. We could have a skype call if you want and figure it out more easily.

Anyway, contact me if I can help you with anything else.

Regards,

Leandro