
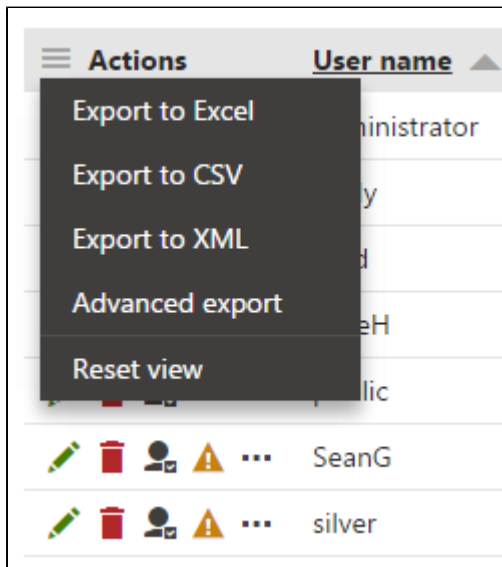


The UI data export functionality allows you to export data shown in various listings throughout the whole UI to **XLSX**, **CSV** or **XML** files. The export functionality is accessible in a context menu after clicking the  icon in the **Actions** column header. A drop-down menu will be displayed, offering the following options:

- **Export to Excel** - exports data shown on the current page of the listing to an XLSX spreadsheet.
- **Export to CSV** - exports data shown on the current page of the listing to a CSV file.
- **Export to XML** - exports data shown on the current page of the listing to an XML file.
- **Advanced export** - opens a dialog where export to the three formats mentioned above can be performed based on detailed settings. For more details, please refer to [Exporting data from the UI - Advanced export](#).
- **Reset view** - returns all filtering, ordering and paging options of the listing to the default state (this resets the current data "view" used by the export).



After executing an action from the drop-down menu, your browser may open its standard file download dialog, letting you open or save the file with exported data just as if you were downloading any other file.

## Exporting data to Excel

Data exported to an XLSX spreadsheet are displayed just as in the listing. Spreadsheet columns represent the columns of the listing, while rows represent particular records shown in the rows of the listing.

### Maximal exported string length

Note that maximal length of text exported into a single cell of an Excel spreadsheet is **32767 (2<sup>15</sup> - 1) characters**. Longer strings are trimmed to match this length.

In the following picture, you can see the default appearance of an exported XLSX file. However, it is also possible to use customized templates for Excel export so that you can, for example, add graphics to the header of the spreadsheet. You can find more details on this option in the [Configuring UI data export](#) topic.

	A	B	C	D	E	F
1	User name	Full name	E-mail	Nickname	Created	Enabled
2	administrator	Global Administrator	administrator@localhost.local			Yes
3	Andy	Andrew Jones	andy@localhost.local		2/21/2014 12:35:36 PM	Yes
4	Austin	Austin Powers	austin@localhost.local		2/21/2014 12:35:36 PM	Yes
5	gold	Sample Gold Partner	gold@localhost.local		2/21/2014 12:35:37 PM	Yes
6	LukeH	Luke Hillman	lukeh@localhost.local		2/21/2014 12:35:36 PM	Yes
7	public	Public Anonymous User				Yes
8	SeanG	Sean Gaines	seang@localhost.local		2/21/2014 12:35:37 PM	Yes
9	silver	Sample Silver Partner	silver@localhost.local		2/21/2014 12:35:37 PM	Yes

## Exporting data to CSV

CSV is an abbreviation for [Comma-separated values](#). It is a file format that stores tabular data in a text form — each line represents one row of data, while particular values (columns) in each row are separated by a comma (,) or a semicolon (;). If a column value contains the delimiter, the whole value is wrapped in double quotation marks in CSV (e.g. the value *one,two* is exported as "one,two"). If a column value contains double quotation marks, they contain backslashes in CSV (e.g. the value "one" is exported as \"one).

A comma is used as a column delimiter by default if you select the **Export to CSV** action, while you can choose between the comma and the semicolon in the **Advanced export** dialog. See [Configuring UI data export](#) for more information.

The plain text form of exported data stored in a CSV file looks as follows:

```
User name,Full name,E-mail,Nickname,Created,Enabled
administrator,Global Administrator,administrator@localhost.local,,,Yes
Andy,Andrew Jones,andy@localhost.local,,2/21/2014 12:35:36 PM,Yes
Austin,Austin Powers,austin@localhost.local,,2/21/2014 12:35:36 PM,Yes
gold,Sample Gold Partner,gold@localhost.local,,2/21/2014 12:35:37 PM,Yes
...
```

If the correct delimiter is used, the file can also be opened in a spreadsheet editor such as Microsoft Excel.

	A	B	C	D	E	F
1	User name	Full name	E-mail	Nickname	Created	Enabled
2	administrator	Global Administrator	administrator@localhost.local			Yes
3	Andy	Andrew Jones	andy@localhost.local		2/21/2014 12:35:36 PM	Yes
4	Austin	Austin Powers	austin@localhost.local		2/21/2014 12:35:36 PM	Yes
5	gold	Sample Gold Partner	gold@localhost.local		2/21/2014 12:35:37 PM	Yes
6	LukeH	Luke Hillman	lukeh@localhost.local		2/21/2014 12:35:36 PM	Yes
7	public	Public Anonymous User				Yes
8	SeanG	Sean Gaines	seang@localhost.local		2/21/2014 12:35:37 PM	Yes
9	silver	Sample Silver Partner	silver@localhost.local		2/21/2014 12:35:37 PM	Yes

## Exporting data to XML

The following code sample illustrates how exported data are stored in XML files. There is always the *NewDataSet* root element, which contains a number of *Table* elements. Each of the *Table* elements represents a single data record. Its sub-elements represent particular columns of the table, have names identical to the physical database column names and contain the respective values.



```
<?xml version="1.0" encoding="windows-1250"?>
<NewDataSet>
  <cms_user>
    <UserName>administrator</UserName>
    <FullName>Global Administrator</FullName>
    <Email>administrator@localhost.local</Email>
    <Nickname />
    <Created />
    <Enabled>Yes</Enabled>
  </cms_user>
  <cms_user>
    <UserName>Andy</UserName>
    <FullName>Andrew Jones</FullName>
    <Email>andy@localhost.local</Email>
    <Nickname />
    <Created>2/21/2014 12:35:36 PM</Created>
    <Enabled>Yes</Enabled>
  </cms_user>
  ...
</NewDataSet>
```