

Aggregate multiple values so they appear on separate lines in one cell

Using the chr(10) character in a string_agg function will put the aggregated values on separate lines within one cell when exported to Excel. This can be useful to make the output more readable on the report.

Note: Excel has a cell height maximum of 409 pixels. Some aggregated values, such as holdings statements, will easily break that limit, so will be truncated on the spreadsheet.

Example: aggregate the instance_contributors so they appear on separate lines in one cell:

```
SELECT
    ii.title,
    ii.hrid AS instance_hrid,
    COUNT (DISTINCT ic.contributor_name) as count_of_contributors,
    STRING_AGG (distinct ic.contributor_name, chr(10)) AS contributors
FROM inventory_instances AS ii
    INNER JOIN folio_reporting.instance_contributors AS ic
    ON ii.id = ic.instance_id

WHERE ii.title LIKE 'Apples%'

GROUP BY ii.title, ii.hrid

HAVING COUNT (DISTINCT ic.contributor_name) > 1

LIMIT 100

;
```

How it looks in Excel:

	title	instance_hrid	count_of_contributors	contributors
1	Apples, a field guide / Michael Clark.	6057777	2	Brogdale Horticultural Trust
2				Clark, Michael
	Apples : all about them / by Alvin Silverstein and Virginia B. Silverstein ; illustrated by Shirley Chan.	5783807	3	Chan, Shirley
3				Silverstein, Alvin
	Apples and apple products [electronic resource] / R. M. Smock, A. M. Neubert.	3055808	2	Silverstein, Virginia B.
4				Neubert, Alfred Max, 1912-
	Apples and apple products / R. M. Smock, A. M. Neubert.	1222976	2	Smock, Robert Mumford, 1908-
5				Neubert, Alfred Max, 1912-
	Apples and oranges / producers, Amir Harel, Ayelet Kait ; director, Yoav Brill ; Makor Foundation for Israeli Films (R.A.).	15960136	5	Smock, Robert Mumford, 1908-
				Brill, Yoav,
				Go2Films (Firm),
				Harel, Amir,
				Kait, Ayelet,
6				Keren Makor le-sirte kolno'a ye-televizyah,
	Apples and pears, 1885 : report of the Apple and Pear Congress held by the Royal Caledonian Horticultural Society, Edinburgh from 25th to 28th November 1885 / edited by Malcolm Dunn.	109319	3	Apple and Pear Congress, Edinburgh, 1885.
7				Dunn, Malcolm
				Royal Caledonian Horticultural Society