



## Section : 4. Expressions

### Module : 4.7. Expression Reference Guide



#### Expression Reference Guide

*“A single page 'cheat sheet' for expressions”*

This is an external link to the QGIS Expression 'cheat sheet' developed by QGIS Community Member Thomas Gratier. You can find his work that lists every single expression available in QGIS at this [link](#).

##### [function array\\_agg](#)

Returns an array of aggregated values from a field or expression.

##### Syntax

```
array_agg ( expression [, group_by ][, filter ][, order_by ] )
```

[ ] marks optional components

##### Arguments

expression sub expression of field to aggregate  
group\_by optional expression to use to group aggregate calculations  
filter optional expression to use to filter features used to calculate aggregate  
order\_by optional expression to use to order features used to calculate aggregate

##### Examples

- `array_agg("name",group_by:="state")` → list of name values, grouped by state field

##### [function collect](#)

Returns the multipart geometry of aggregated geometries from an expression