

Update Operators

Fields

Name	Description
<code>\$currentDate</code>	Sets the value of a field to current date, either as a Date or a Timestamp.
<code>\$inc</code>	Increments the value of the field by the specified amount.
<code>\$min</code>	Only updates the field if the specified value is less than the existing field value.
<code>\$max</code>	Only updates the field if the specified value is greater than the existing field value.
<code>\$mul</code>	Multiplies the value of the field by the specified amount.
<code>\$rename</code>	Renames a field.
<code>\$set</code>	Sets the value of a field in a document.
<code>\$setOnInsert</code>	Sets the value of a field if an update results in an insert of a document.
<code>\$unset</code>	Has no effect on update operations that modify existing documents. Removes the specified field from a document.

Array

Operators

Name	Description
<code>\$</code>	Acts as a placeholder to update the first element that matches the query condition.
<code>[\$]</code>	Acts as a placeholder to update all elements in an array for the documents that match the query condition.
<code>[\$<identifier>]</code>	Acts as a placeholder to update all elements that match the <code>arrayFilters</code> condition for the documents that match the query condition.
<code>\$addToSet</code>	Adds elements to an array only if they do not already exist in the set.
<code>\$pop</code>	Removes the first or last item of an array.
<code>\$pull</code>	Removes all array elements that match a specified query.
<code>\$push</code>	Adds an item to an array.
<code>\$pullAll</code>	Removes all matching values from an array.

Modifiers

Name	Description
<code>\$each</code>	Modifies the <code>\$push</code> and <code>\$addToSet</code> operators to append multiple items for array updates.
<code>\$position</code>	Modifies the <code>\$push</code> operator to specify the position in the array to add

Name	Description
	elements.
<code>\$slice</code>	Modifies the <code>\$push</code> operator to limit the size of updated arrays.
<code>\$sort</code>	Modifies the <code>\$push</code> operator to reorder documents stored in an array.

Bitwise

Name	Description
<code>\$bit</code>	Performs bitwise AND, OR, and XOR updates of integer values.