

# How to roll your own "ISCHANGED", "PRIORVALUE", and "ISNEW" in before-save flows

## How to roll your own "ISNEW", "ISCHANGED", and "PRIORVALUE", and in before-save record-edit flows

UPDATE: As of Summer 21, all of this can be done natively, and will perform better since it doesn't require any extra queries.

To check ISNEW(), simply check if the \$Record\_\_prior variable is null.

### Archive:

~~Record Edit flows are pretty cool, and will hopefully replace PB altogether.~~

~~There are a few features still missing, and included in those are ways to check if a record is new, if a field was changed, and what the previous value is.~~

~~Until they are added in for real, here are some tricks to build it yourself.~~

~~For a little background – these flows will automatically contain a variable called \$Record, which refers to the record that was created/modified thereby calling the flow. You can access any of the record's fields via \$Record.FieldName.~~

## ISNEW()

To tell if the record is new (ie: was just created and not yet saved), you simply need to check in your flow if the ID field is null. You'd do this either in a formula or in a decision by checking `$Record.Id`.

## ISCHANGED()

To check if a specific field was changed, you'll want to do a Get Records. Fetch the record whose Id matches `$Record.Id` and store it in a record variable. Then you can use a decision to check if any field in your record variable is the same as the same field in the `$Record` variable. For example, check if `$Record.Name = AccountRecord.Name`. If they match, it means the field has not been changed.

## PRIORVALUE()

The method for `PRIORVALUE()` is very similar to that of `ISCHANGED()`. You'll just want to check what value is in the field from your Get Records variable.

## DISCLAIMER:

These tricks only seems to work in "before-save" flows, since a record that wasn't ever "saved" doesn't have an Id, and if it's an existing record, the database still stores old values. If someone figures out tricks for these please ping @solo-admin.

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