# ## update Value in field of Master, From last updated field value in Child

* Consider parent doctype is Master and child doctype is Status.
* Slave doctype contains two fields, status and issued on.
* Master doctype contains a field masterstatus.
* To update last updated status value of Slave(Child) in masterstatus of Master.
* Edit the Master.py

from frappe.model.document import Document

class **Master**(**Document**):

    def **before\_save**(self):

        if(**len**(self.status\_details)>0):

            self.masterstatus = f'{self.status\_details[-1].status}'

* masterstatus is a read only field
* and status\_details (Line no 3) is table field with options Slave in Master doctype.
* [before\_save](https://frappeframework.com/docs/user/en/basics/doctypes/controllers) - This method is called before the document is saved.

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الشرح:

In the Frappe framework, the given code defines a class called Master that inherits from the Document class. The Document class is a base class provided by Frappe for creating database-backed documents.

Within the Master class, there is a method called before\_save(). This method is a hook provided by Frappe that gets executed automatically before saving an instance of the Master document to the database.

The purpose of the before\_save() method in this code is to set the value of a field called masterstatus based on the status\_details field of the Master document.

Here's how the code works:

1. The before\_save() method is triggered when the Master document is about to be saved.
2. It checks if the length of the status\_details field is greater than zero, which means there are some status details available.
3. If there are status details, it accesses the last item in the status\_details list (assuming it's a list) using self.status\_details[-1].
4. The status\_details field seems to be a list of objects, and it assumes that each object has a status attribute.
5. It assigns the status attribute of the last status\_details object to the masterstatus field using string interpolation (f-string).
   * The value is interpolated into a formatted string using {} within the f-string.
   * self.status\_details[-1].status retrieves the status attribute of the last status\_details object.
   * The interpolated string is then assigned to self.masterstatus.

In summary, the before\_save() method sets the value of the masterstatus field in the Master document to the status attribute of the last object in the status\_details field, assuming there are any status details available.