

Child / Table DocType

Summary:

In Frappe, while most DocTypes can have a single value for each field, there are scenarios where you might need to store multiple records against one primary record, creating a many-to-one relationship. This is where the "Child DocType" comes into play. A Child DocType is a special type of DocType that can only be linked to a parent DocType. When creating a Child DocType, the "Is Child Table" option must be checked. To associate a Child DocType with its parent, you add a row in the Parent DocType with the field type set to "Table" and options set to the Child Table. Child DocType records are directly attached to the parent document.

Key Insights:

- Example of Usage:** If you have a "Person" DocType and want to store multiple qualifications for that person, you can use a Child DocType.

F > DocType > new-doctype-1

Q Search or type a command (Ctrl + G)

🔔 Help A

≡ New DocType • Not Saved

Save

Name *

Person Qualification

Module *

Desk

☐ Custom?

☐ Beta

☒ Is Child Table

Child Tables are shown as a Grid in other DocTypes

☐ Is Tree

Tree structures are implemented using Nested Set

☒ Editable Grid

The parent "Person" might have fields like 'first_name' and 'last_name', while the child "Qualifications" could have fields like 'title' and 'year'.

≡ Person

Go to Person List < > 🖨️ ⋮ Save

Fields

Fields

<input type="checkbox"/>	No.	Label	Type	Name	Mandat...	Options	
<input type="checkbox"/>	1	First Name	Data	first_name	<input type="checkbox"/>		Edit
<input type="checkbox"/>	2	Last Name	Data	last_name	<input type="checkbox"/>		Edit
<input type="checkbox"/>	3		Section Break	section_break_3	<input type="checkbox"/>		Edit
<input type="checkbox"/>	4	Qualifications	Table	qualifications	<input type="checkbox"/>	Person Qualification	Edit
<input type="checkbox"/>	5	Amended From	Link	amended_from	<input type="checkbox"/>	Person	Edit

Add Row

- Child Properties:** Child documents possess specific properties that define their relationship with the parent:
 - parent:** Refers to the name of the parent.
 - parenttype:** Specifies the DocType of the parent.
 - parentfield:** Indicates the field in the parent that links to this child.
 - idx:** Represents the sequence or row.