

### Knowledge of relational table at IMA Builder

1. We need two tables on the project example `categories` and `pages`.
2. In this case, we will relate the **category** table with **pages**
3. First, create a table for target relation (table `pages`)

For create relation, there are several requirements that must be set, are:

URL List Item : URL must use dynamic on 1st param,

#### Format

`http://yourweb/api?param1=[default-value] &param2=val2`

example we want using **var2** as dynamic param. You create link like this:

- `http://yourweb/api?param2=val2&param1=val1` (TRUE)
- `http://yourweb/api?param1=val1&param2=val2` (FALSE)

Using WordPress RESTAPI

- `http://wp/wp-json/wp/v2/posts?categories=1&per_page=20` (TRUE)
- `http://wp/wp-json/wp/v2/posts?categories=&per_page=20` (FALSE)
- `http://wp/wp-json/wp/v2/posts?per_page=20&categories=1` (FALSE)

Using RESTAPI Generator

- `http://domain/rest-api.php?category=u&json=quote` (TRUE)
- `http://domain/rest-api.php? json=quote&category=u` (FALSE)

URL Single Item :

- `http://domain/rest-api.php?json=quote&id=` (TRUE)
- `http://domain/rest-api.php?id=&json=quote` (FALSE)
- `http://wp/wp-json/wp/v2/posts/` (TRUE)
- `http://wp/wp-json/wp/v2/posts` (FALSE)

Dynamic on 1st param : checked

The screenshot shows three configuration panels for creating a relation:

- URL List Item \***: Contains a text input with the URL `i.php?category=u&json=quote&status=publish`. Below it, a red box highlights instructions: "JSON array can contain multiple objects. Example: `[[{id:1,name:...},{id:2,name:...},{id:3,name:...}]`". It also notes "Dynamic conditions or target for relation table. URL List, URL Single, 1st param are required, example you need var2 is dynamic" and provides examples: `false: http://yourweb/api?var1=val1&var2=val2` and `true: http://yourweb/api?var2=val2&var1=val1`. A red arrow points from this box to the "Parameter" panel.
- URL Single Item**: Contains a text input with the URL `http://anaski.net/apps/kata-kata-mu`. A red box highlights instructions: "JSON objects can contain multiple name/values. Example: `{id:1,name:...}`". It notes "URL List is required". A red arrow points from this box to the "Parameter" panel.
- Parameter**: Contains a checked checkbox for "Dynamic on 1st param" and a note "Don't checked for default". A red box highlights the instruction: "Required URL List Item using query and URL Single Item is required". A red arrow points from this box to the "URL List Item" panel.

Red arrows from the bottom of the three panels converge on a central point labeled "Required for create relation".

4. For table categories, you only need set Relation To Table, If the table does not appear, go back to step 3.

The screenshot shows the "Table Category" configuration interface with the following settings:

- Relation To Table**: A dropdown menu showing "Table 'quote' (kata\_mutiara)" selected, with "none" and another "Table 'quote' (kata\_mutiara)" option visible.
- Fetching Item**: A dropdown menu showing "1 items" selected, with the note "Fetching data per scroll" below it.
- Sample Data**: A checkbox for "Generate JSON Files" which is currently unchecked.
- Default Icon**: A text input field containing "ion-chatbubb" and a note "ionicons class" below it.