



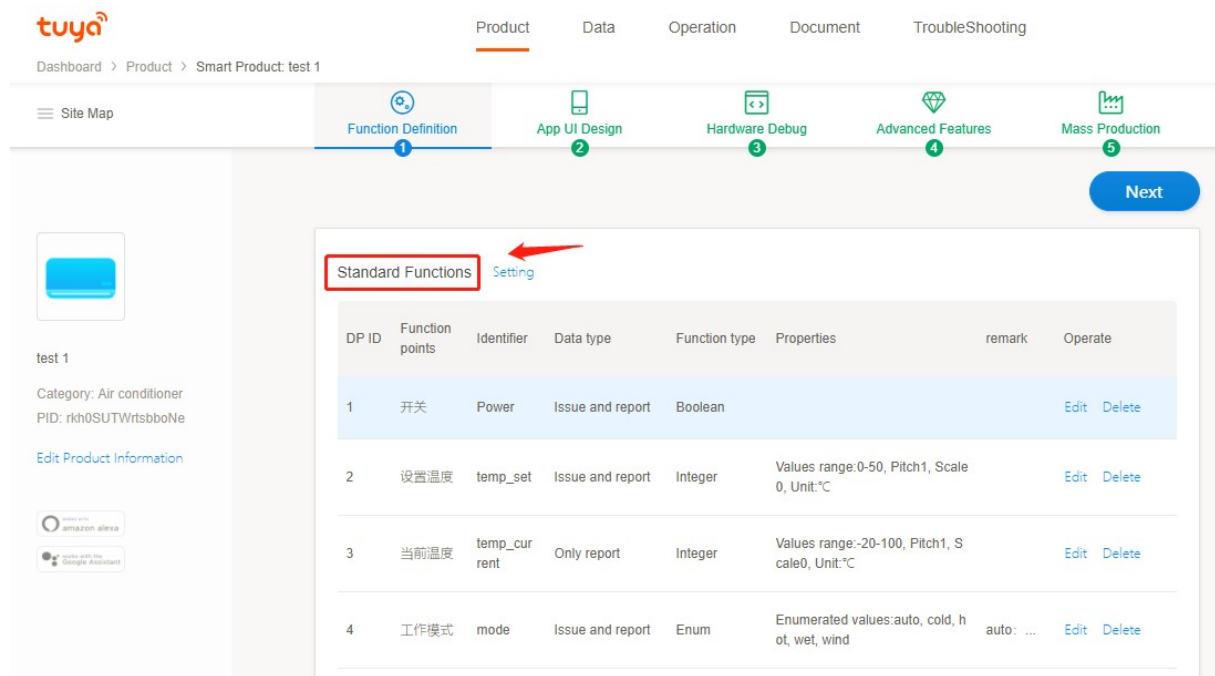
Standard Functions

文档版本: 20191205



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Defining product functionality is the first step in product development. Product features are combined in 3 parts, including standard, custom, and cloud functions.



The screenshot shows the Tuya IoT Platform interface for defining product functionality. The 'Function Definition' step is active, and the 'Standard Functions' tab is selected. A table of standard functions is displayed, with columns for DP ID, Function points, Identifier, Data type, Function type, Properties, remark, and Operate. The first function is '开关' (Switch) with DP ID 1, Identifier 'Power', Data type 'Issue and report', Function type 'Boolean', and Operate links 'Edit' and 'Delete'. The second function is '设置温度' (Set Temperature) with DP ID 2, Identifier 'temp_set', Data type 'Issue and report', Function type 'Integer', Properties 'Values range:0-50, Pitch1, Scale 0, Unit:°C', and Operate links 'Edit' and 'Delete'. The third function is '当前温度' (Current Temperature) with DP ID 3, Identifier 'temp_current', Data type 'Only report', Function type 'Integer', Properties 'Values range:-20-100, Pitch1, Scale 0, Unit:°C', and Operate links 'Edit' and 'Delete'. The fourth function is '工作模式' (Work Mode) with DP ID 4, Identifier 'mode', Data type 'Issue and report', Function type 'Enum', Properties 'Enumerated values:auto, cold, hot, wet, wind', and Operate links 'Edit' and 'Delete'.

DP ID	Function points	Identifier	Data type	Function type	Properties	remark	Operate
1	开关	Power	Issue and report	Boolean			Edit Delete
2	设置温度	temp_set	Issue and report	Integer	Values range:0-50, Pitch1, Scale 0, Unit:°C		Edit Delete
3	当前温度	temp_current	Only report	Integer	Values range:-20-100, Pitch1, Scale 0, Unit:°C		Edit Delete
4	工作模式	mode	Issue and report	Enum	Enumerated values:auto, cold, hot, wet, wind	auto: ...	Edit Delete

Figure 1: cmd-markdown-logo

The standard feature are common features available under this category. If your product is created based on development-free solutions. The function point is fixed and it is not allowed to be changed.

You can directly choose to enable it. After enabling, you can edit it according to the actual product features. Useless features can be deleted, can still be re-enabled after deletion.

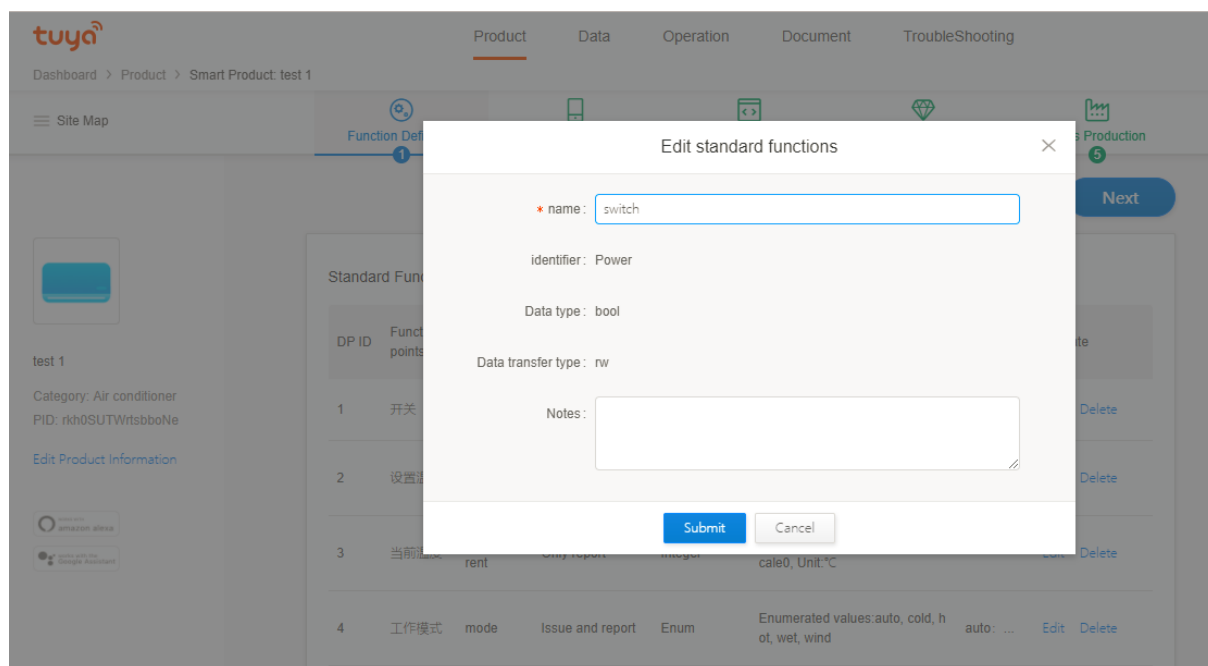


Figure 2: cmd-markdown-logo

It is important to note that the standard functionality does not support changing identifiers, function types, and data transfer classes because it is already bundled with some App interface components. Other properties can be edited.