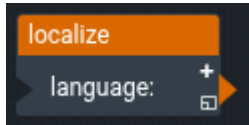


Localize

Block Group:	String Operations
Icon:	no icon



The Localize block returns translated text for the current language. It reads a language file from the project and returns the translation for each custom parameter that you add to the block.

The language file is `locales/<language>.json` in the project, for example `locales/en.json` or `locales/fr.json`. The file contains a JSON object that maps keys to translated text. The object can be nested, for example:

```
{
  "title": "Building Overview",
  "alarm": {
    "high": "High Alarm",
    "low": "Low Alarm"
  }
}
```

For information on using dataflow blocks, see [Dataflow](#).

Input/Output Properties

The following property of the Localize block can take input and give output.

- `language` (*string*)

language specifies the language code, which is the name of the language file without the `.json` extension. If **language** is null, `en` is used.

Output Properties

- `custom parameters` (*string*)

Each custom parameter returns the translation for the key that matches the parameter's name.

- To look up a nested key, separate the levels with colons. For example, a parameter named `alarm:high` returns "High Alarm" from the file above.
- If the key is not found, the parameter returns its own name. For a nested key, it returns the last part of the name instead, for example `high`.
- If the language file cannot be loaded, every parameter behaves as if its key is not found.

Remarks

- To create a custom parameter, click the plus sign in the block.
- To delete a custom parameter, right-click it in the block property inspector (the right-hand panel of the dataflow window), and select **Remove Parameter**.
- When the language file changes in the project, the block reloads it and updates its outputs.

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