On this page
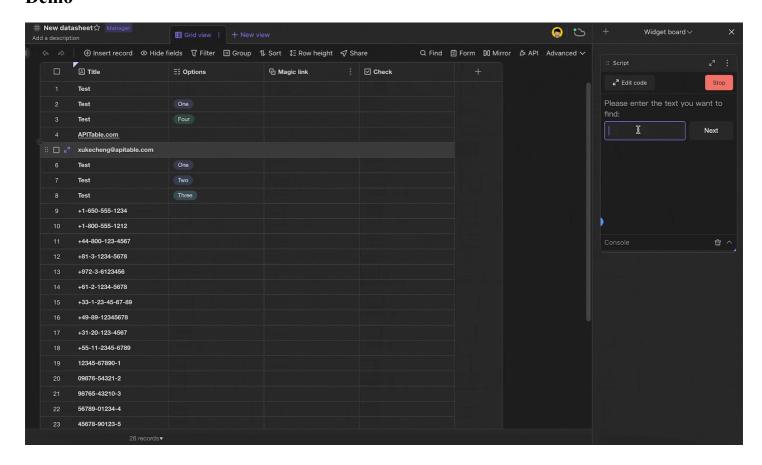
# Find and replace

ⓘ INFO

Supports finding and replacing specified text in specified fields

## Demo



## Source code

```
const findText = await input.textAsync(
  "Please enter the text you want to find:"
);
const replaceText = await input.textAsync(
  "Want to replace the find text with:"
);

// The currently active form needs to be obtained through the Space API and passed to input.fieldAsync as a paramet
const datasheet = await space.getActiveDatasheetAsync();
const field = await input.fieldAsync(
  "Please select the field name you want to find",
  datasheet
);
// Get the id of field
const fieldId = field.id;

const records = await datasheet.getRecordsAsync();
const finalData = [];

// traverse records
for (let record of records) {
  const recordId = record.id;
  // Get the data of the specified field of the record as cellValue
  const cellValue = record.getCellValueString(fieldId);

  // If the acquired data is empty, jump out of this cycle and directly execute the next time
  if (cellValue == null) continue;

  // Replace findText in cellValue with replaceText, and use a new variable - newCellValue
  const newCellValue = cellValue.replaceAll(findText, replaceText);
  // Determine whether the data before replacement is consistent with the data after replacement
  if (cellValue !== newCellValue) {
    // Inconsistency means that the corresponding record in the table needs to replace cellValue with newCellValue,
    finalData.push({
      id: recordId,
      valuesMap: { [fieldId]: newCellValue },
    });
  }
}

// Determine whether there is data in finalData, if there is no data, there is no need to replace
if (finalData.length) {
  await datasheet.updateRecordsAsync(finalData);
  output.text("The replacement is complete!");
} else {
  output.text("No data found to be replaced");
}
```

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