



DEVELOPER

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Find and replace

ⓘ INFO

Supports finding and replacing specified text in specified fields

Demo

New datasheetManagerGrid viewNew view

Add a description

Insert recordHide fieldsFilterGroupSortRow heightShareFindFormMirrorAPIAdvanced

	Title	Options	Magic link	Check	
1	Test				
2	Test	One			
3	Test	Four			
4	APITable.com				
xukecheng@apitable.com					
6	Test	One			
7	Test	Two			
8	Test	Three			
9	+1-850-555-1234				
10	+1-800-555-1212				
11	+44-800-123-4567				
12	+81-3-1234-5678				
13	+972-3-6123456				
14	+61-2-1234-5678				
15	+33-1-23-45-67-89				
16	+49-89-12345678				
17	+31-20-123-4567				
18	+55-11-2345-6789				
19	12345-67890-1				
20	09876-54321-2				
21	98765-43210-3				
22	56789-01234-4				
23	45678-90123-5				

28 records

Widget board

Script

Edit codeStop

Please enter the text you want to find:

Next

Console

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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