

matchRows()

Finds the rows in the Table that match the regular expression provided, and returns references to those rows. Returns an array, so for must be used to iterate through all the rows, as shown in the example. The column to search may be specified by either its ID or title.

Examples

```
let table;

function setup() {
  table = new p5.Table();

  table.addColumn('name');
  table.addColumn('type');

  let newRow = table.addRow();
  newRow.setString('name', 'Lion');
  newRow.setString('type', 'Mammal');

  newRow = table.addRow();
  newRow.setString('name', 'Snake');
  newRow.setString('type', 'Reptile');

  newRow = table.addRow();
  newRow.setString('name', 'Mosquito');
  newRow.setString('type', 'Insect');

  newRow = table.addRow();
  newRow.setString('name', 'Lizard');
  newRow.setString('type', 'Reptile');

  let rows = table.matchRows('R.*', 'type');
  for (let i = 0; i < rows.length; i++) {
    print(rows[i].getString('name') + ': ' + rows[i].getString('type'));
  }
}
```

Syntax

```
matchRows(regex, [column])
```

Parameters

- regexString: The regular expression to match
- columnString|Integer: The column ID (number) or title (string)

Returns

p5.TableRow[]: An Array of TableRow objects

This page is generated from the comments in [src/io/p5.Table.js](#). Please feel free to edit it and submit a pull request!

Related References

addColumn Use addColumn() to add a new column to a Table object.	addRow Use addRow() to add a new row of data to a p5.Table object.	clearRows Removes all rows from a Table.	columns An array containing the names of the columns in the table, if the "header" the table is loaded with the "header" parameter.
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