

Package ‘pluscode’

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Type Package

Title Encoder for Google 'Pluscodes'

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Description Retrieves a 'pluscode' by inputting latitude and longitude. Includes additional functions to retrieve neighbouring 'pluscodes'.

License GPL-2

LazyData FALSE

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NeedsCompilation no

Repository CRAN

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Contents

| | |
|---------------------------------------|---|
| pluscode_eastneighbour | 2 |
| pluscode_encode | 2 |
| pluscode_neighbours | 3 |
| pluscode_northeastneighbour | 3 |
| pluscode_northneighbour | 4 |
| pluscode_northwestneighbour | 4 |
| pluscode_southeastneighbour | 5 |
| pluscode_southneighbour | 5 |
| pluscode_southwestneighbour | 6 |
| pluscode_westneighbour | 6 |

| | |
|--------------|----------|
| Index | 7 |
|--------------|----------|

pluscode_eastneighbour

Pluscode East Neighbour

Description

This package retrieves the easterly neighbour of a valid pluscode, with a precision of 2, 4, 8, or 10 excluding the plus sign (which can be included)

Usage

```
pluscode_eastneighbour(pluscode)
```

Arguments

| | |
|----------|--|
| pluscode | A valid pluscode 2, 4, 8, or 10 characters in length excluding the plus sign (which can be included) |
|----------|--|

Examples

```
pluscode_eastneighbour("9C4MGC2M+H4")
```

pluscode_encode

Pluscode Encoder

Description

This package retrieves a pluscode by inputting latitude and longitude

Usage

```
pluscode_encode(lats, lngs, precision)
```

Arguments

| | |
|-----------|--|
| lats | A valid latitude within the range -90 to 90 |
| lngs | A valid longitude within the range -180 to 180 |
| precision | Options are 2, 4, 8, or 10 |

Examples

```
pluscode_encode(52.501450, -6.567180, 8)
```

pluscode_neighbours *Pluscode Neighbours*

Description

This function retrieves the neighbouring pluscodes of a valid pluscode, with a precision of 2, 4, 8, or 10 excluding the plus sign (which can be included)

Usage

```
pluscode_neighbours(pluscode)
```

Arguments

pluscode A valid pluscode 2, 4, 8, or 10 characters in length excluding the plus sign (which can be included)

Examples

```
pluscode_neighbours("9C4MGC2M+H4")
```

pluscode_northeastneighbour
 Pluscode Northeast Neighbour

Description

This package retrieves the north-easterly neighbour of a valid pluscode, with a precision of 2, 4, 8, or 10 excluding the plus sign (which can be included)

Usage

```
pluscode_northeastneighbour(pluscode)
```

Arguments

pluscode A valid pluscode 2, 4, 8, or 10 characters in length excluding the plus sign (which can be included)

Examples

```
pluscode_northeastneighbour("9C4MGC2M+H4")
```

`pluscode_northneighbour`

Pluscode North Neighbour

Description

This package retrieves the northerly neighbour of a valid pluscode, with a precision of 2, 4, 8, or 10 excluding the plus sign (which can be included)

Usage

```
pluscode_northneighbour(pluscode)
```

Arguments

| | |
|-----------------------|--|
| <code>pluscode</code> | A valid pluscode 2, 4, 8, or 10 characters in length excluding the plus sign (which can be included) |
|-----------------------|--|

Examples

```
pluscode_northneighbour("9C4MGC2M+H4")
```

`pluscode_northwestneighbour`

Pluscode Northwest Neighbour

Description

This package retrieves the north-westerly neighbour of a valid pluscode, with a precision of 2, 4, 8, or 10 excluding the plus sign (which can be included)

Usage

```
pluscode_northwestneighbour(pluscode)
```

Arguments

| | |
|-----------------------|--|
| <code>pluscode</code> | A valid pluscode 2, 4, 8, or 10 characters in length excluding the plus sign (which can be included) |
|-----------------------|--|

Examples

```
pluscode_northwestneighbour("9C4MGC2M+H4")
```

pluscode_southeastneighbour
Pluscode Southeast Neighbour

Description

This package retrieves the south-easterly neighbour of a valid pluscode, with a precision of 2, 4, 8, or 10 excluding the plus sign (which can be included)

Usage

```
pluscode_southeastneighbour(pluscode)
```

Arguments

| | |
|----------|--|
| pluscode | A valid pluscode 2, 4, 8, or 10 characters in length excluding the plus sign (which can be included) |
|----------|--|

Examples

```
pluscode_southeastneighbour("9C4MGC2M+H4")
```

pluscode_southneighbour
Pluscode South Neighbour

Description

This package retrieves the southerly neighbour of a valid pluscode, with a precision of 2, 4, 8, or 10 excluding the plus sign (which can be included)

Usage

```
pluscode_southneighbour(pluscode)
```

Arguments

| | |
|----------|--|
| pluscode | A valid pluscode 2, 4, 8, or 10 characters in length excluding the plus sign (which can be included) |
|----------|--|

Examples

```
pluscode_southneighbour("9C4MGC2M+H4")
```

pluscode_southwestneighbour

Pluscode Southwest Neighbour

Description

This package retrieves the south-westerly neighbour of a valid pluscode, with a precision of 2, 4, 8, or 10 excluding the plus sign (which can be included)

Usage

```
pluscode_southwestneighbour(pluscode)
```

Arguments

| | |
|----------|--|
| pluscode | A valid pluscode 2, 4, 8, or 10 characters in length excluding the plus sign (which can be included) |
|----------|--|

Examples

```
pluscode_southwestneighbour("9C4MGC2M+H4")
```

pluscode_westneighbour

Pluscode West Neighbour

Description

This package retrieves the westerly neighbour of a valid pluscode, with a precision of 2, 4, 8, or 10 excluding the plus sign (which can be included)

Usage

```
pluscode_westneighbour(pluscode)
```

Arguments

| | |
|----------|--|
| pluscode | A valid pluscode 2, 4, 8, or 10 characters in length excluding the plus sign (which can be included) |
|----------|--|

Examples

```
pluscode_westneighbour("9C4MGC2M+H4")
```

Index

pluscode_eastneighbour, 2
pluscode_encode, 2
pluscode_neighbours, 3
pluscode_northeastneighbour, 3
pluscode_northneighbour, 4
pluscode_northwestneighbour, 4
pluscode_southeastneighbour, 5
pluscode_southneighbour, 5
pluscode_southwestneighbour, 6
pluscode_westneighbour, 6