Package: ltcodes (via r-universe)

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Type Package

Title Validate Lithuanian Personal, Company, VAT and Bank Account Codes

Version 0.1.0

Description Vectorised checks for Lithuanian personal codes, company codes, VAT numbers and IBANs, and helpers that read the birth date and sex stored in a personal code. The company code check was tested against the open data of the Register Centre <https://www.registrucentras.lt/p/1094>.

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URL https://kokybiskasvetaine.lt/, https://github.com/ello-lithuania/ltcodes

BugReports https://github.com/ello-lithuania/ltcodes/issues

Encoding UTF-8

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Repository https://ello-lithuania.r-universe.dev

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is_company_code *Test Lithuanian company codes*

Description

A company code has nine digits and ends in a check digit.

Usage

```
is_company_code(x)
```

Arguments

x	A character vector of codes.

Value

A logical vector of the same length as x; NA input gives NA.

Examples

```
is_company_code(c("123033512", "123033513"))
```

is_iban *Test Lithuanian IBANs*

Description

A Lithuanian IBAN has 20 characters, starts with LT and passes the MOD-97 rule.

Usage

```
is_iban(x)
```

Arguments

x	A character vector of account numbers.

Value

A logical vector of the same length as x; NA input gives NA.

Examples

```
is_iban(c("LT121000011101001000", "LT121000011101001001"))
```

is_personal_code *Test Lithuanian personal codes*

Description

A personal code has 11 digits: the first gives the century and sex, the next six the birth date, and the last is a check digit. Codes that start with 9 carry no date, so only the check digit is tested.

Usage

```
is_personal_code(x)
```

Arguments

x	A character vector of codes.

Value

A logical vector of the same length as x; NA input gives NA.

Examples

```
is_personal_code(c("33309240064", "33309240164"))
```

is_vat_number *Test Lithuanian VAT numbers*

Description

A VAT number has 9 or 12 digits and may start with LT.

Usage

```
is_vat_number(x)
```

Arguments

x	A character vector of numbers.

Value

A logical vector of the same length as x; NA input gives NA.

Examples

```
is_vat_number(c("LT119511515", "LT119511516"))
```

personal_code_birth_date *Read the birth date from Lithuanian personal codes*

Description

Reads the date stored in the second to seventh digits. The check digit is not tested.

Usage

```
personal_code_birth_date(x)
```

Arguments

x	A character vector of personal codes.

Value

A `Date` vector of the same length as `x`, with `NA` where a code holds no valid date.

Examples

```
personal_code_birth_date("33309240064")
```

personal_code_sex *Read the sex from Lithuanian personal codes*

Description

Reads the sex stored in the first digit.

Usage

```
personal_code_sex(x)
```

Arguments

x	A character vector of personal codes.

Value

A character vector with `"M"` for first digits 1, 3 and 5, `"F"` for 2, 4 and 6, and `NA` otherwise.

Examples

```
personal_code_sex("33309240064")
```

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