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# R Fundamentos

# Linguagem R
# Tabela Expressões Regulares

| Código | Descrição |
|---|---|
| \\d | Dígitos, 0,1,2 ... 9 |
| \\D | Não dígito |
| \\s | Espaço |
| \\S | Não Espaço |
| \\w | Palavra |
| \\W | Não Palavra |
| \\t | Tab |
| \\n | Nova Linha |
| ^ | Começo da String |
| $ | Fim da String |
| \ | Caracteres especiais, e.g. \\ is "\", \+ is "+" |
| \| | Alternation match. e.g. /(e\|d)n/ matches "en" and "dn" |
| • | Any character, except \n or line terminator |
| [ab] | a or b |
| [^ab] | Any character except a and b |
| [0-9] | All Digit |
| [A-Z] | All uppercase A to Z letters |
| [a-z] | All lowercase a to z letters |
| [A-z] | All Uppercase and lowercase a to z letters |
| i+ | i at least one time |
| i* | i zero or more times |
| i? | i zero or 1 time |
| i{n} | i occurs n times in sequence |
| i{n1,n2} | i occurs n1 - n2 times in sequence |
| i{n1,n2}? | non greedy match, see above example |
| i{n,} | i occures >= n times |
| [:alnum:] | Alphanumeric characters: [:alpha:] and [:digit:] |
| [:alpha:] | Alphabetic characters: [:lower:] and [:upper:] |
| [:blank:] | Espaços em branco: e.g. space, tab |
| [:cntrl:] | Control characters |
| [:digit:] | Digitos: 0 1 2 3 4 5 6 7 8 9 |
| [:graph:] | Graphical characters: [:alnum:] and [:punct:] |
| [:lower:] | Lower-case letters in the current locale |
| [:print:] | Printable characters: [:alnum:], [:punct:] and space |

| [:punct:] | Punctuation character: ! " # $ % & ' ( ) * + , - . / : ; < = > ? @ [ \ ] ^ _ ` { \| } ~ |
|---|---|
| [:space:] | Space characters: tab, newline, vertical tab, form feed, carriage return, space |
| [:upper:] | Upper-case letters in the current locale |
| [:xdigit:] | Hexadecimal digits: 0 1 2 3 4 5 6 7 8 9 A B C D E F a b c d e f |