Regular Expression note:

egrep "i.g" states.txt

## Virginia

## Washington

## West Virginia

## Wyoming

Quantifiers: + one or more

egrep "s+as" states.txt

## Arkansas

## Kansas

Quantifiers: \* zero or more

egrep "s\*as" states.txt

## Alaska

## Arkansas

## Kansas

## Massachusetts

## Nebraska

## Texas

## Washington

curly brackets ({ }) to specify an exact number of occurrences of an expression

## Massachusetts

## Mississippi

## Missouri

## Tennessee

between two and three adjacent occurrences

egrep "s{2,3}" states.txt

create capturing groups within regular expressions by using parentheses ("( )").

egrep "(iss){2}" states.txt

it describes three occurrences of an “i” followed by two of any character:

egrep (i.{2}){3}

“\w” metacharacter corresponds to all “word” characters,

“\d” metacharacter corresponds to all “number” characters, and the

“\s” metacharacter corresponds to all “space” characters.

\W for non-words,

\D for non-digits,

\S for non-spaces

Select from those selections:

egrep "[aeiou]" small.txt

Not select items from those selections:

egrep "[^aeiou]" small.txt

BUT, such as “abc” will be included because not fully “aeiou”.

Alternative:

Using this way to specify the required interval

egrep "[e-q]" small.txt

egrep "[e-qE-Q]" small.txt