

# Capturing Matches with Named Captures and Modifiers

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(?<CaptureName>Regex)

```
'abcd 1234' -match '(?<word>[a-z]+)\s(?<num>[0-9]+)'
```

## Named Captures...

Are used to capture specific sections of an expression and then store the capture in a named capture group.



# Modifiers

Metacharacter	Meaning	Example
i	Use case-insensitive matching.	(?i)[a-z]+
m	Use multiline mode.	(?m)^regex\$
s	Use single-line mode.	(?s)Name:(.*)
n	Do not capture unnamed groups.	(?n)(\w+-)\d+
x	Ignore un-escaped white space in the regular expression pattern.	(?x) [a-z] + (\d+)



# Demo



## Named captures

- Naming capture groups
- Creating objects from named captures

## Regular expression objects

- Creating regex objects
- Using regex methods

## Modifiers

- Ignore un-escaped whitespaces
- Add in-line comments
- Prevent captures of non-named subexpressions
- Enable single-line mode



# Summary



## Named Captures

- Created named capture groups
- Filtered match results by named capture groups
- Created objects from named captures

## Regex object

- Created regex objects
- Used regex methods (match, matches)

## Modifiers

- Learned how to add comments to expressions
- Enabled single-line mode
- Prevented captures of any non-named subexpressions

