

#### DESCRIPTION

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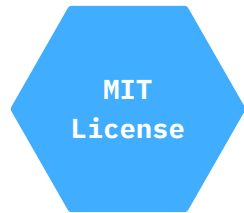
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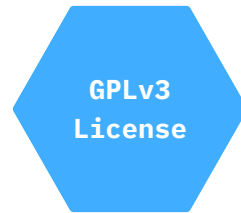
The namespace lists the functions exported by the package, and imports from dependencies.

### LICENSE (MIT)



Licenses set out how others can use the package, the MIT Licence is a "permissive" licence.

### LICENSE (GPL)



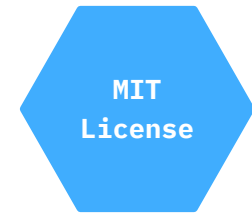
Licenses set out how others can use the package, the GPL is a "copyleft" licence.

### LICENSE (CC0)



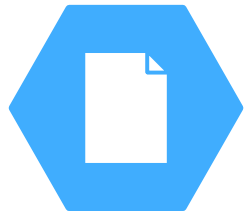
Licenses set out how others can use the package, the CC0 is a "public domain" licence.

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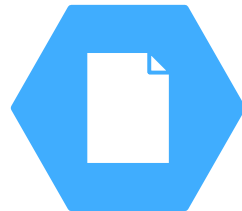
### function.R



An R script contains your package code, for example a single function.

**ACTION:** Discard 10 units of code from your package

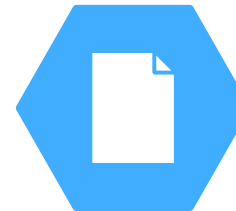
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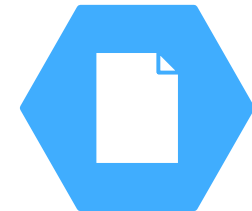
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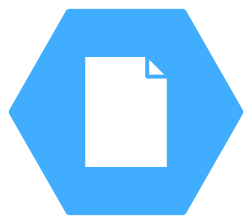
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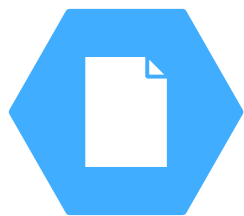
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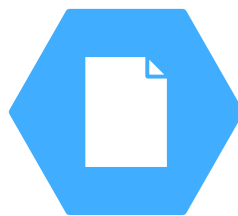
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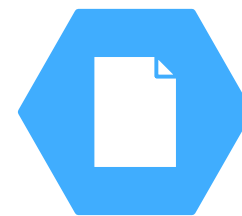
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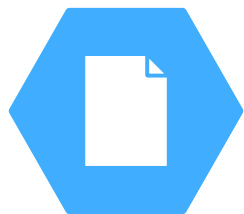
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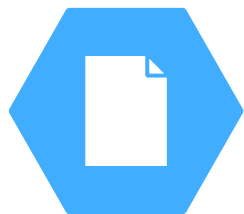
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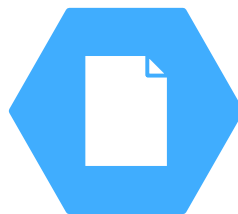
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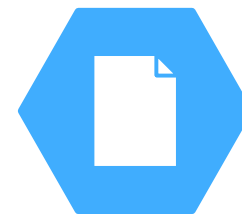
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### R function

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if (x < y) {  
  x+y  
} else {  
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}
```

Functions are the building blocks  
of R packages.

1 UNIT OF CODE

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2 UNITS OF CODE

### R function

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2 UNITS OF CODE

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**3 UNITS OF CODE**

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**3 UNITS OF CODE**

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**3 UNITS OF CODE**

**Minor error**



Oh dear! Your code doesn't work as expected

**ERROR VALUE: 1**

**Minor error**



Oh dear! Your code doesn't work as expected

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**Minor error**



Oh dear! Your code doesn't work as expected

**ERROR VALUE: 1**

**Minor error**



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Oh dear! Your code doesn't work as expected

**ERROR VALUE: 1**

**Major error**



Oh dear! Your code doesn't work as expected

**ERROR VALUE: 3**

**Major error**



Oh dear! Your code doesn't work as expected

**ERROR VALUE: 3**

**Major error**



Oh dear! Your code doesn't work as expected

**ERROR VALUE: 3**

**Major error**



Oh dear! Your code doesn't work as expected

**ERROR VALUE: 3**

**Major error**



Oh dear! Your code doesn't work as expected

**ERROR VALUE: 3**

**Major error**



Oh dear! Your code doesn't work as expected

**ERROR VALUE: 3**

### Fatal error



Oh dear! Your code doesn't work as expected

**ACTION:** Discard 1 code card each turn until this error is fixed

**ERROR VALUE:** 5

### Fatal error



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**ACTION:** Discard 1 code card each turn until this error is fixed

**ERROR VALUE:** 5

### Fatal error



Oh dear! Your code doesn't work as expected

**ACTION:** Discard 1 code card each turn until this error is fixed

**ERROR VALUE:** 5

### Fatal error

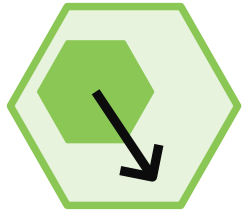


Oh dear! Your code doesn't work as expected

**ACTION:** Discard 1 code card each turn until this error is fixed

**ERROR VALUE:** 5

### Imports



Dependencies allow you to use code in other packages. Imports must be installed for your package to run.

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**ACTION:** Discard 1 code card from your package

**1 UNIT OF CODE**

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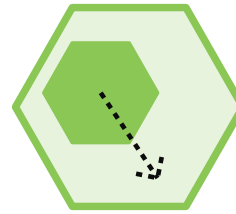


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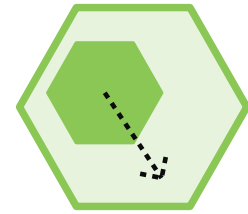
### Suggests



Dependencies allow you to use code in other packages. Suggested packages don't need to be installed for your package to run.

ERROR VALUE: 1

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Dependencies allow you to use code in other packages. Suggested packages don't need to be installed for your package to run.

ERROR VALUE: 1

### Function help



Documentation helps end users understand how to your package.

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### Vignette



Vignettes provide long-form guides to using aspects of your package.

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Debug minor error



Fixing an error is often called  
"debugging"

**ACTION:** Discard error(s) up to a  
value of 1 from your  
package (and this card)

**ERROR VALUE:** -1

Debug minor error



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**ERROR VALUE:** -1

Debug major error



Fixing an error is often called  
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**ACTION:** Discard error(s) up to a  
value of 3 from your  
package (and this card)

**ERROR VALUE:** -3

Debug major error



Fixing an error is often called  
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**ACTION:** Discard error(s) up to a  
value of 3 from your  
package (and this card)

**ERROR VALUE:** -3

Debug major error



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**ACTION:** Discard error(s) up to a  
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**ERROR VALUE:** -3

Debug major error

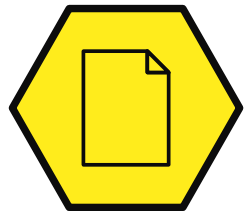


Fixing an error is often called  
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**ACTION:** Discard error(s) up to a  
value of 3 from your  
package (and this card)

**ERROR VALUE:** -3

Write tests

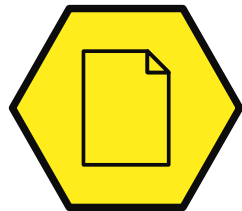


Using unit tests can help you  
detect errors more easily

**ACTION:** Discard error(s) up to a  
value of 1 from your  
package (one time only)

**ERROR VALUE:** -1

Write tests

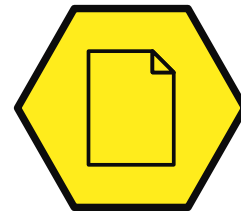


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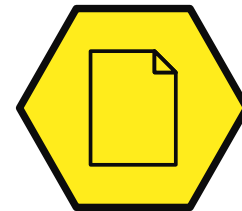


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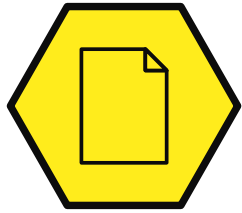


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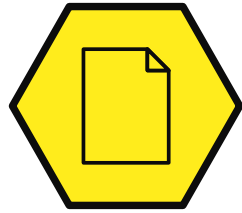


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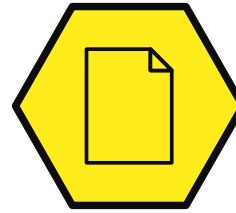


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Write tests

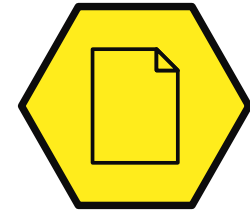


Using unit tests can help you detect errors more easily

**ACTION:** Discard error(s) up to a value of 3 from your package (one time only)

**ERROR VALUE:** -3

Write tests

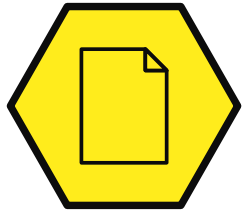


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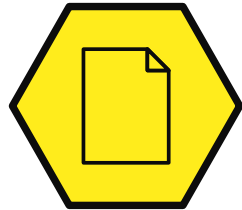


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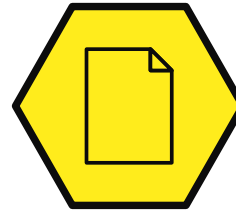


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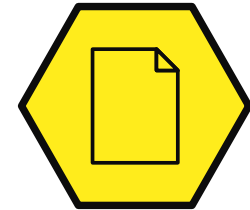


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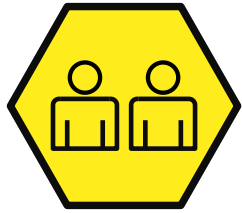


Using unit tests can help you detect errors more easily

**ACTION:** Discard error(s) up to a value of 3 from your package (one time only)

**ERROR VALUE:** -3

### Collaborate on code

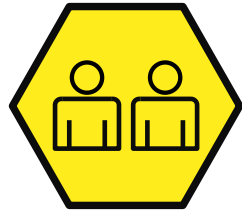


Collaboration can help you develop your package more quickly

**ACTION:** Use this card in place of 5 code cards (discard after use)

5 UNITS OF CODE

### Collaborate on code

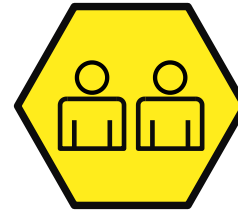


Collaboration can help you develop your package more quickly

**ACTION:** Use this card in place of 5 code cards (discard after use)

5 UNITS OF CODE

### Collaborate on code

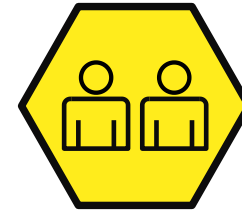


Collaboration can help you develop your package more quickly

**ACTION:** Use this card in place of 5 code cards (discard after use)

5 UNITS OF CODE

### Collaborate on fixing



Collaboration can help you develop your package more quickly

**ACTION:** Discard error(s) up to a value of 5 from your package (discard after use)

ERROR VALUE: -5

### Collaborate on fixing



Collaboration can help you develop your package more quickly

**ACTION:** Discard error(s) up to a value of 5 from your package (discard after use)

ERROR VALUE: -5

### Collaborate on fixing



Collaboration can help you develop your package more quickly

**ACTION:** Discard error(s) up to a value of 5 from your package (discard after use)

ERROR VALUE: -5

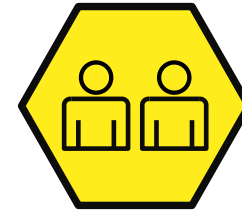
### Collaborate on documentation



Collaboration can help you develop your package more quickly

**ACTION:** Use this card in place of a documentation card

### Collaborate on documentation



Collaboration can help you develop your package more quickly

**ACTION:** Use this card in place of a documentation card