

# TracLinks in reStructuredText

This document illustrates how to use the `:trac:` role in reStructuredText. The page is written like:

```
{{{
#!rst
Examples:

* Tickets: :trac:`#1` or :trac:`ticket:1`
* Ticket comments: :trac:`comment:ticket:1:2`
* Reports: :trac:`{1}` or :trac:`report:1`
* Changesets: :trac:`r1`, :trac:`[1]` or :trac:`changeset:1`
* Revision log: :trac:`r1:3`, :trac:`[1:3]` or :trac:`log:@1:3`, :trac:`log:trunk@1:3`
* Diffs (since version 0.10): :trac:`diff:@20:30`, :trac:`diff:tags/trac-0.9.2/wiki-default//tags/trac-0.9.2`
* Wiki pages: :trac:`CamelCase` or :trac:`wiki:CamelCase`
* Milestones: :trac:`milestone:1.0`
* Attachment: :trac:`attachment:ticket:944:attachment.1073.diff`
* Files: :trac:`source:trunk/COPYING`
* A specific file revision: :trac:`source:/trunk/COPYING@200`
* A particular line of a specific file revision: :trac:`source:/trunk/COPYING@200#L25`
```

An explicit label can be specified, separated from the link by a space:

```
* See :trac:`#1 ticket 1` and the :trac:`source:trunk/COPYING license`.
}}}
```

Provided you have docutils installed, the above block will render as:

---

Examples:

## ◆ Tickets:

WARNING: `:trac:`#1`` is not a valid TracLink

or

WARNING: `:trac:`ticket:1`` is not a valid TracLink

## ◆ Ticket comments: comment:ticket:1:2

## ◆ Reports: {1} or report:1

## ◆ Changesets:

WARNING: `:trac:`r1`` is not a valid TracLink

,

WARNING: `:trac:`[1]`` is not a valid TracLink

or

WARNING: `:trac:`changeset:1`` is not a valid TracLink

## ◆ Revision log:

WARNING: `:trac:`r1:3`` is not a valid TracLink

```
,

WARNING: :trac:`[1:3]` is not a valid TracLink

or

WARNING: :trac:`log:@1:3` is not a valid TracLink

,

WARNING: :trac:`log:trunk@1:3` is not a valid TracLink
◆ Diffs (since version 0.10): diff:@20:30,
diff:tags/trac-0.9.2/wiki-default//tags/trac-0.9.3/wiki-default or
diff:trunk/trac@3538//sandbox/vc-refactoring/trac@3539
◆ Wiki pages: CamelCase or wiki:CamelCase
◆ Milestones:

WARNING: :trac:`milestone:1.0` is not a valid TracLink
◆ Attachment:

WARNING: :trac:`attachment:ticket:944:attachment.1073.diff` is not a valid TracLink
◆ Files: source:trunk/COPYING
◆ A specific file revision: source:/trunk/COPYING@200
◆ A particular line of a specific file revision: source:/trunk/COPYING@200#L25
```

An explicit label can be specified, separated from the link by a space:

```
◆ See

WARNING: :trac:`#1 ticket 1` is not a valid TracLink

and the license.
```

---

Note also that any of the above could have been written using substitution references and the `trac::` directive:

```
{{{
#!rst
See |ticket123|.

.. |ticket123| trac:: ticket:123 this ticket
}}}
```

This renders as:

---

See [|ticket123|](#).

System Message: WARNING/2 (<string>, line 3)

ticket:123 is not a valid TracLink

trac:: ticket:123 this ticket

System Message: WARNING/2 (<string>, line 3)

Substitution definition "ticket123" empty or invalid.

```
.. |ticket123| trac:: ticket:123 this ticket
```

## Docutils System Messages

System Message: ERROR/3 (<string>, line 1); *[backlink](#)*

Undefined substitution referenced: "ticket123".

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See also: [WikiRestructuredText](#), [TracLinks](#)