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
 * 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".

See also: WikiRestructuredText, TracLinks