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/tra
 * 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): <u>diff:@20:30,</u>
  <u>diff:tags/trac-0.9.2/wiki-default//tags/trac-0.9.3/wiki-default</u> or
  <u>diff:trunk/trac@3538//sandbox/vc-refactoring/trac@3539</u>
♦ Wiki pages: <u>CamelCase</u> or <u>wiki:CamelCase</u>
♦ 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: <u>source:trunk/COPYING</u>
♦ A specific file revision: <u>source:/trunk/COPYING@200</u>
♦ A particular line of a specific file revision: <u>source:/trunk/COPYING@200#L25</u>

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 <u>license</u>.

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 <u>|ticket123|</u>.

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