# Add links to code block during orgmode export

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I wanted to add a link to the file I export with org tangle. And it was surprisingly difficult to find. Apparently I am one of the few people that use orgmode the way I do.

Using orgmode file as markdown to blog. And exporting to a different file some code block. So I often endup writing something like:

```
..begin_src elisp :tangle foo.el
```

I tangle the source code that export the code block to an external file. Then I use this hook during HTML export to add a caption with the link the file I tangled:

```elisp
(defun my-add-link-to-tangled-files (backend)
  "Add a link just before source code block with tangled files.
BACKEND is the export backend. Used as symbol."
  (while ;; (re-search-forward )
      (re-search-forward "^\\( *\\)#\\+begin_src .*:tangle \\([^\s\n]*\\)" nil t)
    (replace-match "\\1#+CAPTION: [[./\\2][=\\2=]]\n\\&")))


(add-hook 'org-export-before-processing-hook
          'my-add-link-to-tangled-files)
```

And this article is an example of the result. The link with the listing is generated automatically for me.

A small note regarding CSS. My `pre` have a `margin-top`. But I wanted to get rid of it when the previous block was a `label`. This is achievable with:

```css
label + pre {margin-top: 0;}
```

That's it. It took me really a long time to just think about using caption, and not trying something smarter like injecting html code, etc... So I hope it could help someone.