PLN CDR draft: Issue 4

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1 Issue 4 (Local nicknames of the package being defined)

1.1 Description

It is not clear whether *local nicknames* of the package **being defined** should affect `make-package` or `defpackage`.

1.2 Examples

```
(defpackage #:foo-a (:use) (:export #:x))
(defpackage #:foo-b (:use) (:export #:x))

(defpackage #:bar
  (:local-nicknames (#:foo-a #:foo-b)
                    (#:foo-b #:foo-a))
  (:use #:foo-a))

(package-name (symbol-package 'bar::x))
; => "FOO-A"  (sbcl, ccl, acl, abcl, clasp, lispworks)
; => "FOO-B"  (ecl)
```

1.3 Current behavior

sbcl, ccl, acl, abcl, lispworks: Nothing is affected.

ecl: `:use`, `:import-from` and `:shadowing-import-from` clauses are affected.

clasp: `:local-nicknames` clause is affected by *local nicknames* introduced by previous `:local-nicknames` clauses.

1.4 Proposal NO-EFFECT

Local nicknames of the package being defined must not affect any of the defpackage clauses (`:use`, `:local-nicknames`, `:import-from`, `:shadowing-import-from`).

The keyword argument `:local-nicknames` to `make-package` must not affect the `:use` keyword argument either.