

PLN CDR draft: Issue 6

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1 Issue 6 (Additional keyword argument to MAKE-PACKAGE)

1.1 Descriptions

An additional keyword argument to `make-package` similar to the `:use` keyword argument would be a nice feature. There are only two implementations introducing this extension, unfortunately they use different API for this argument.

Possible questions:

- Does it accept an alist or a nested list?
- Is the default value implementation-dependent, or is it an empty list?

1.2 Current behavior

sbcl, ccl, abcl, clasp, lispworks: no additional keyword argument.

ecl: has an additional keyword argument `:local-nicknames`, but it is undocumented and it segfaults on incorrect usage. The expected value is a list of conses: `((nickname . package)*)`.

acl: has an additional keyword argument `:local-nicknames`. The expected value is a list of lists: `((nickname package)*)`.

1.3 Proposal EXTRA-KEYWORD-ARGUMENT-LIST

Add `:local-nicknames` keyword argument to `make-package`:

```
local-nicknames ::= ((nickname package)*)
```

`nickname` — a *string designator*.

`package` — a *package designator*.

`local-nicknames` defaults to an *empty list*.

1.4 Links

See `make-package`.