

subjects

SUBJECT+

feature -- { NONE }
observers: LIST[OBSERVER]
feature -- { OBSERVER }
notify +
-- Notify an update to observers
ensure
 $\forall o : \text{observers} : o.\text{update_to_date_with_subject}$

attach, detach

observers

OBSERVER*

feature -- { SUBJECT }
update *
-- React to a update.
feature -- { SUBJECT }
up_to_date_with_subject: BOOLEAN *
-- Is current observer up to date with
-- the latest state of the subject?

+
SUB₁

...

+
SUB_i

+
OBS₁

...

+
OBS_j