







Ist design

CIPP'S update may be unnecessary Cif they returned the same value)





Observer Pattern: Application to Weather Station







Weather Station: Observers

deferred class

OBSERVER

feature -- To be effected by a descendant

up_to_date_with_subject: BOOLEAN

-- Is this observer up to date with its subject?

deferred

end

update

```
-- Update the observer's view of 's'
```

deferred

ensure

```
up_to_date_with_subject: up_to_date_with_subject
```

end

end



Weather Station: Testing the Observer Pattern

