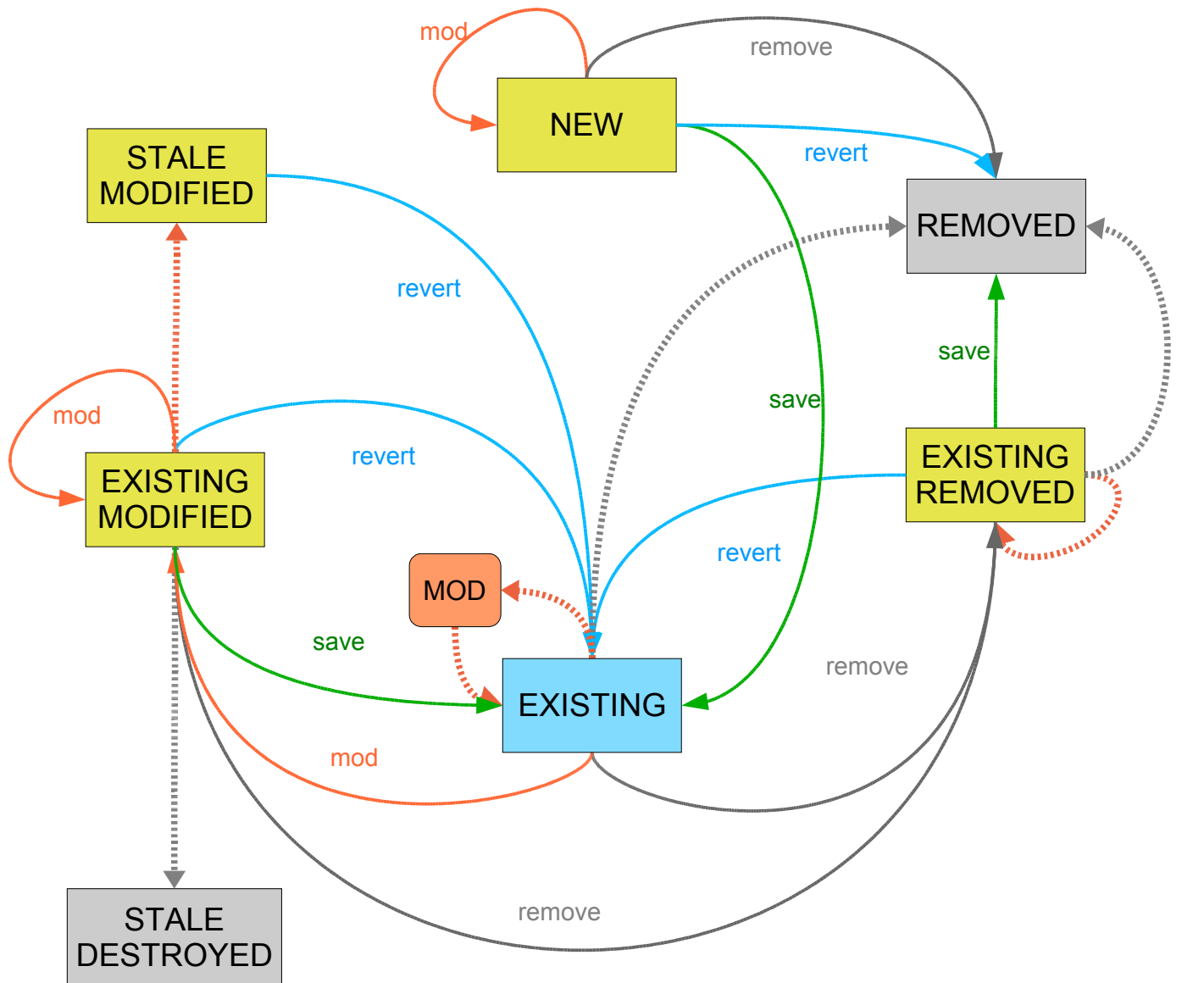# Session State:

CacheBehaviour: Observation

Legend:

- Existing State (identical to Workspace State)
- Transient State
- Terminal State
- Temporary status upon external modification, used as marker to inform listeners.

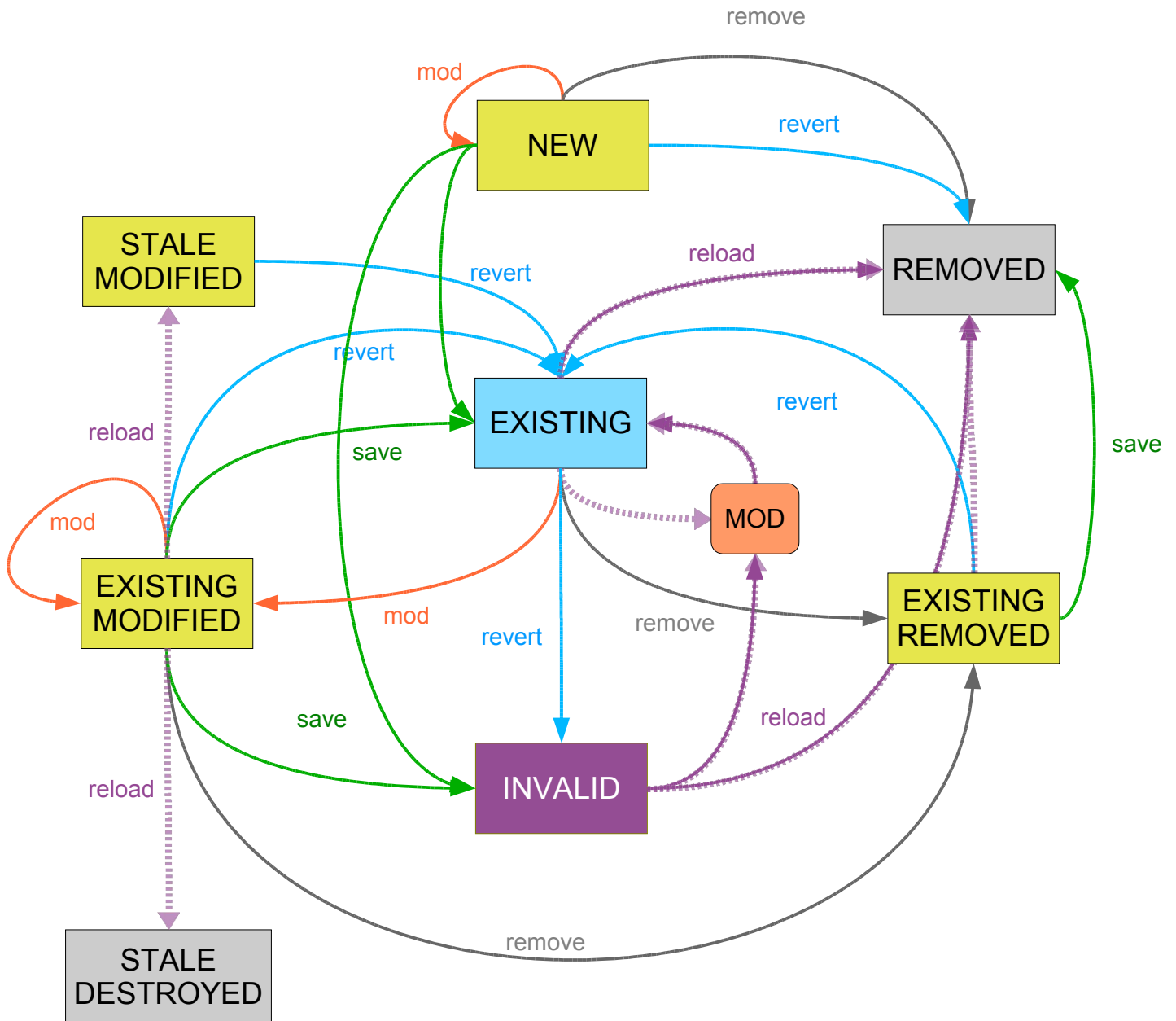- Transient Modification
- Transient Removal
- Save (incl. sync. with wsp.)
- Revert
- External Removal
- External Modification

Session State:
CacheBehaviour: Invalidation

Legend:

- Existing State (identical to Workspace State)
- Transient State
- Terminal State
- Temporary status used as marker to inform listeners.
- Invalidated State

- Transient Modification
- Transient Removal
- Save
- Revert transient modific.
- Reload states respecting transient modifactions
- Reload states discarding transient modifications

Workspace State:

INVALID

MODIFIED

REMOVED

EXISTING

Existing, unmodified State

Temporary status used as marker to force synchronization of the overlaying state.

Removed (terminal) State

Invalidated State

Persistent Modification in response to local or external modification.

CacheBehaviour: Observation

CacheBehaviour: Invalidation

Persistent Removal in response to local or external removal.

CacheBehaviour: Observation

CacheBehaviour: Invalidation

Invalidated Item is reloaded (explicitly or implicitly by accessing the item)

CacheBehaviour: Invalidation