



SproutCore Design Template
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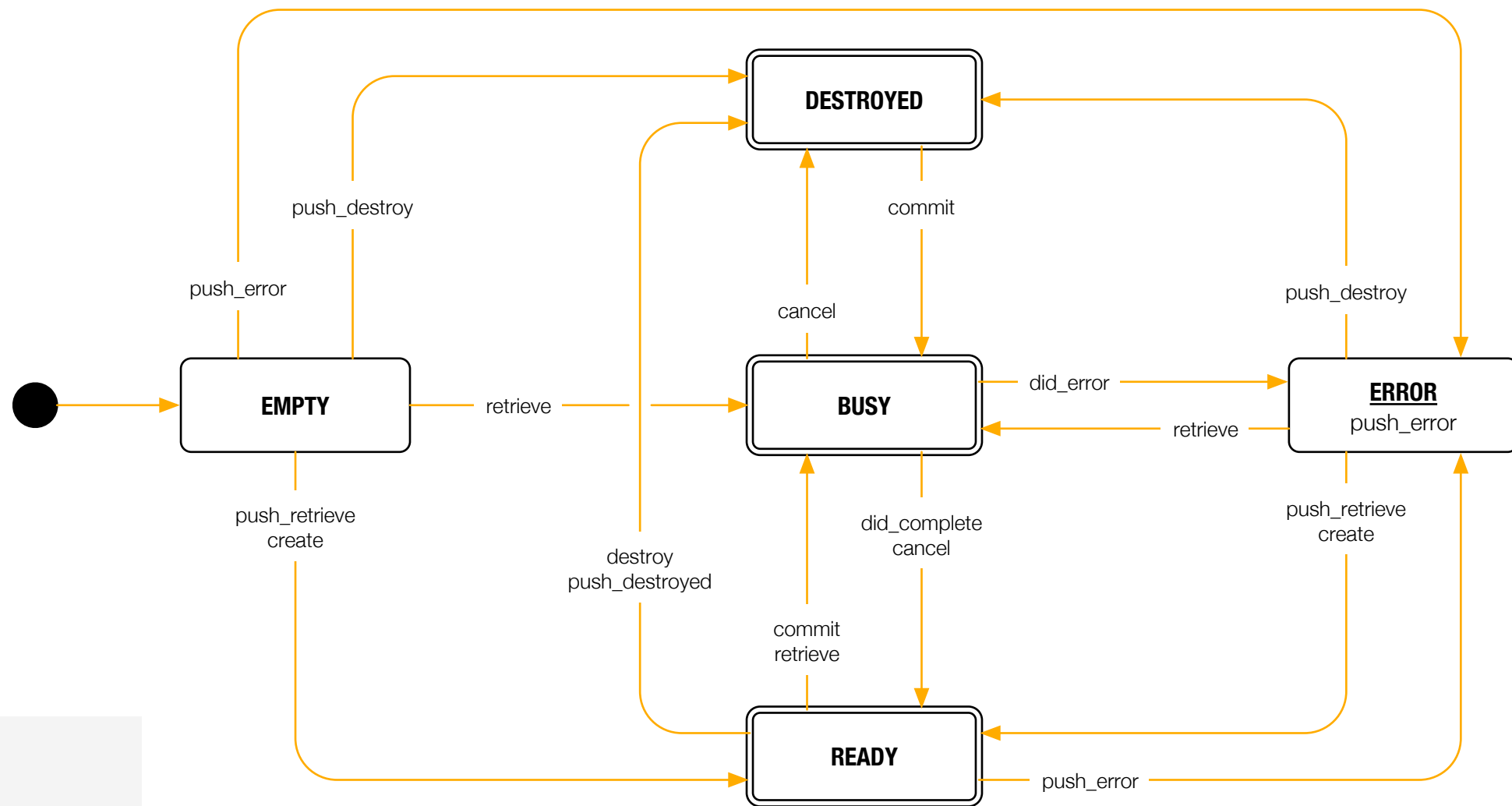
SproutCore Datastore Design.graffle

August 23, 2009

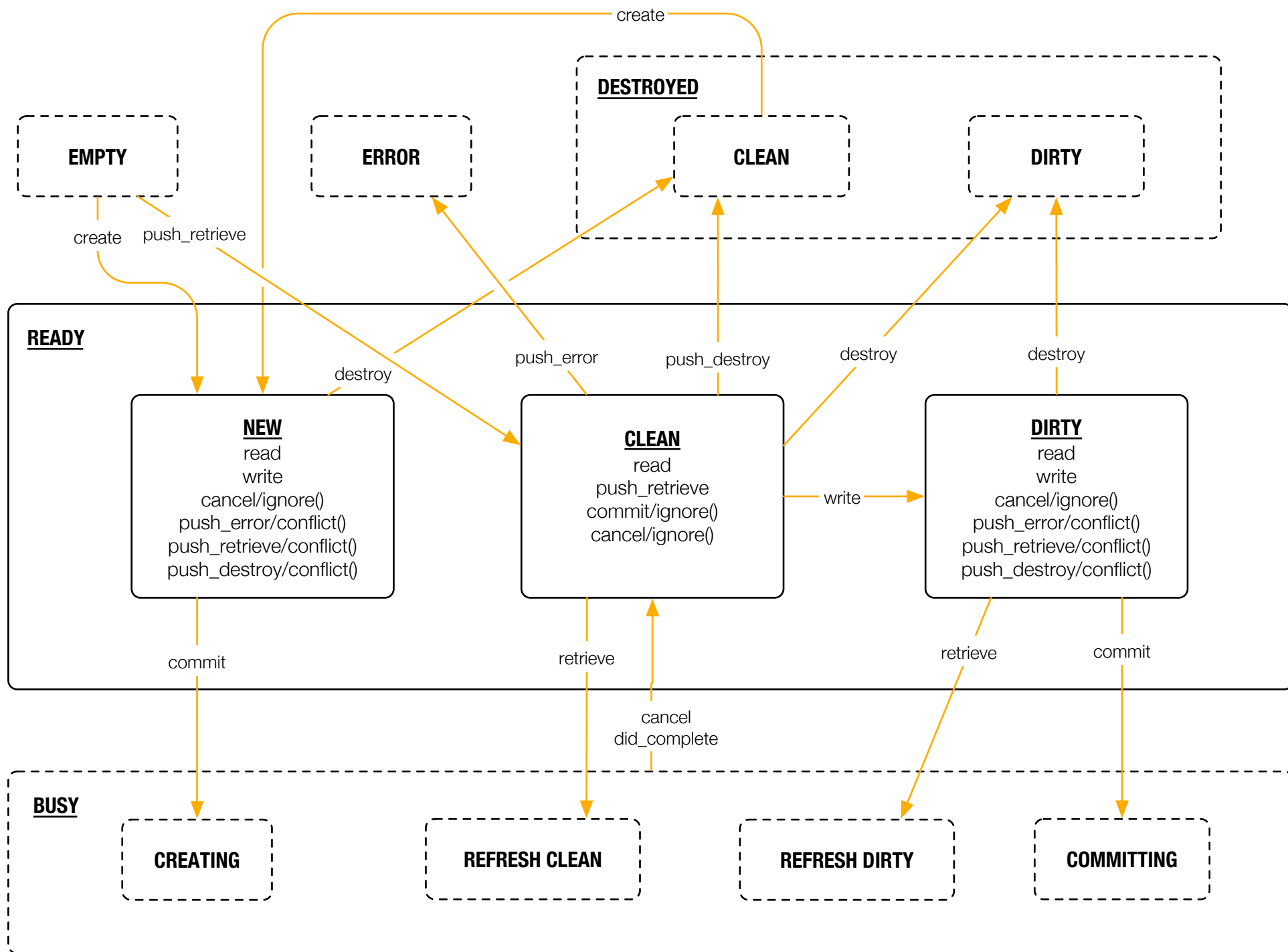
Section Separator

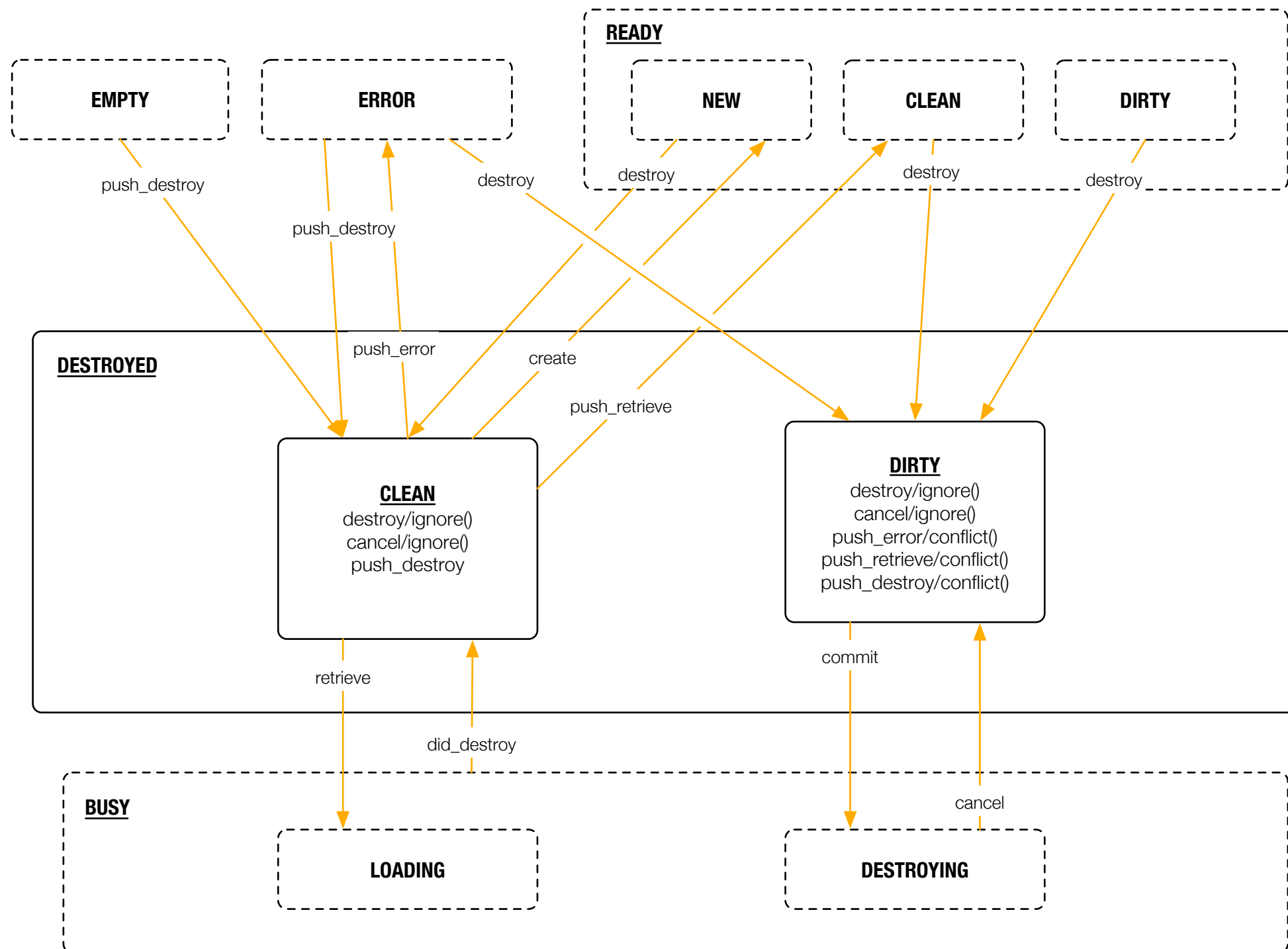
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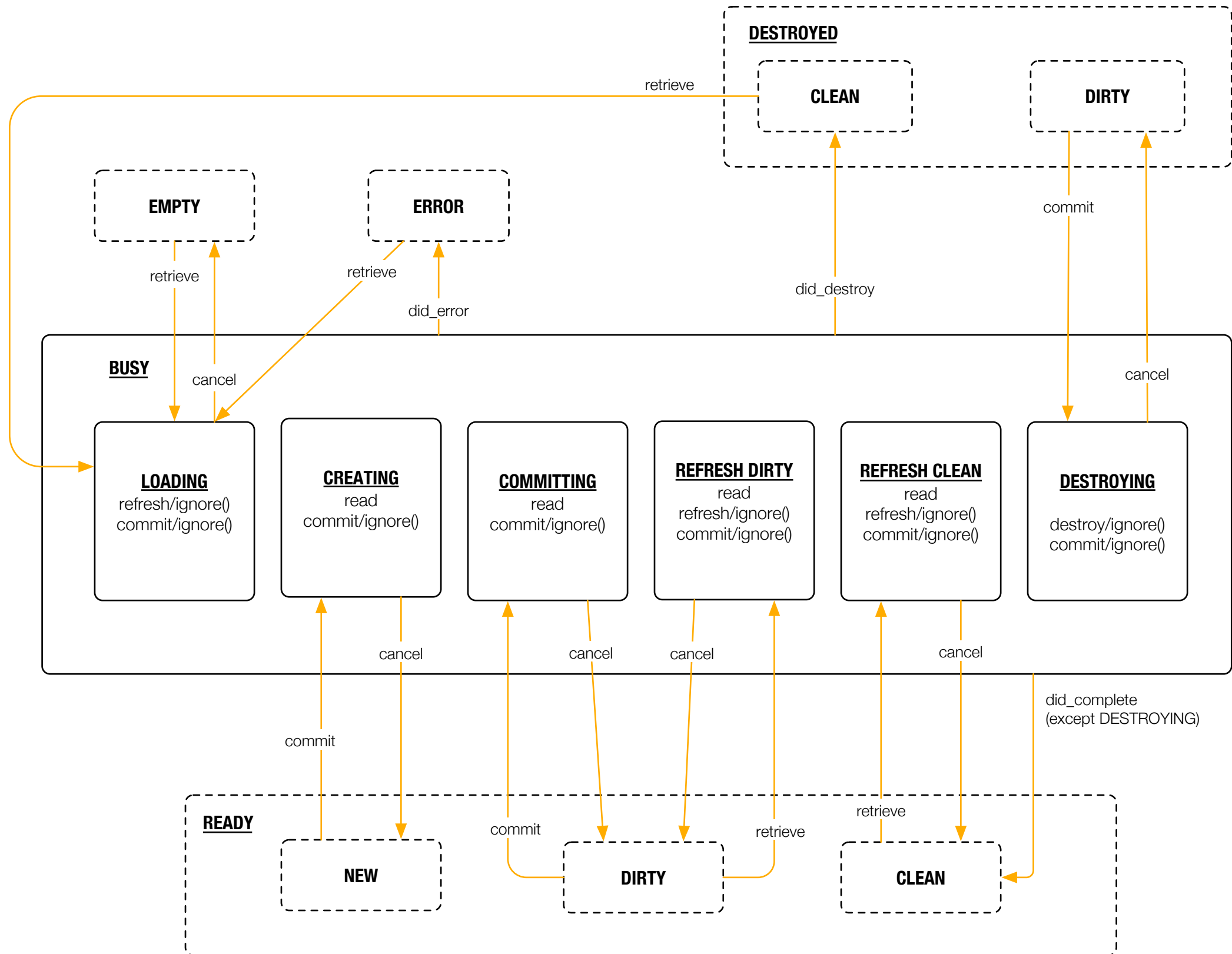
SC.Record States



- EVENT LIST**
- create
 - retrieve
 - commit
 - destroy
 - did_complete
 - did_error
 - push_retrieve
 - push_destroy
 - push_error





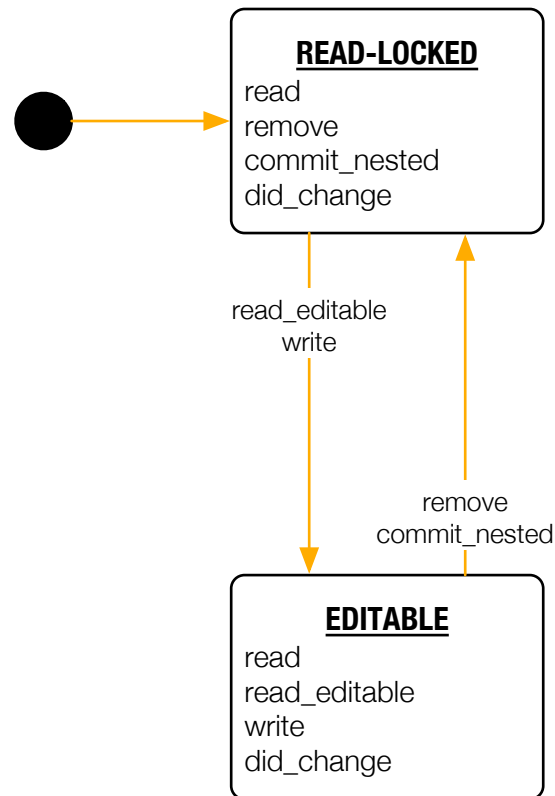


Section Separator

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Other States

BASE STORE



NOTES

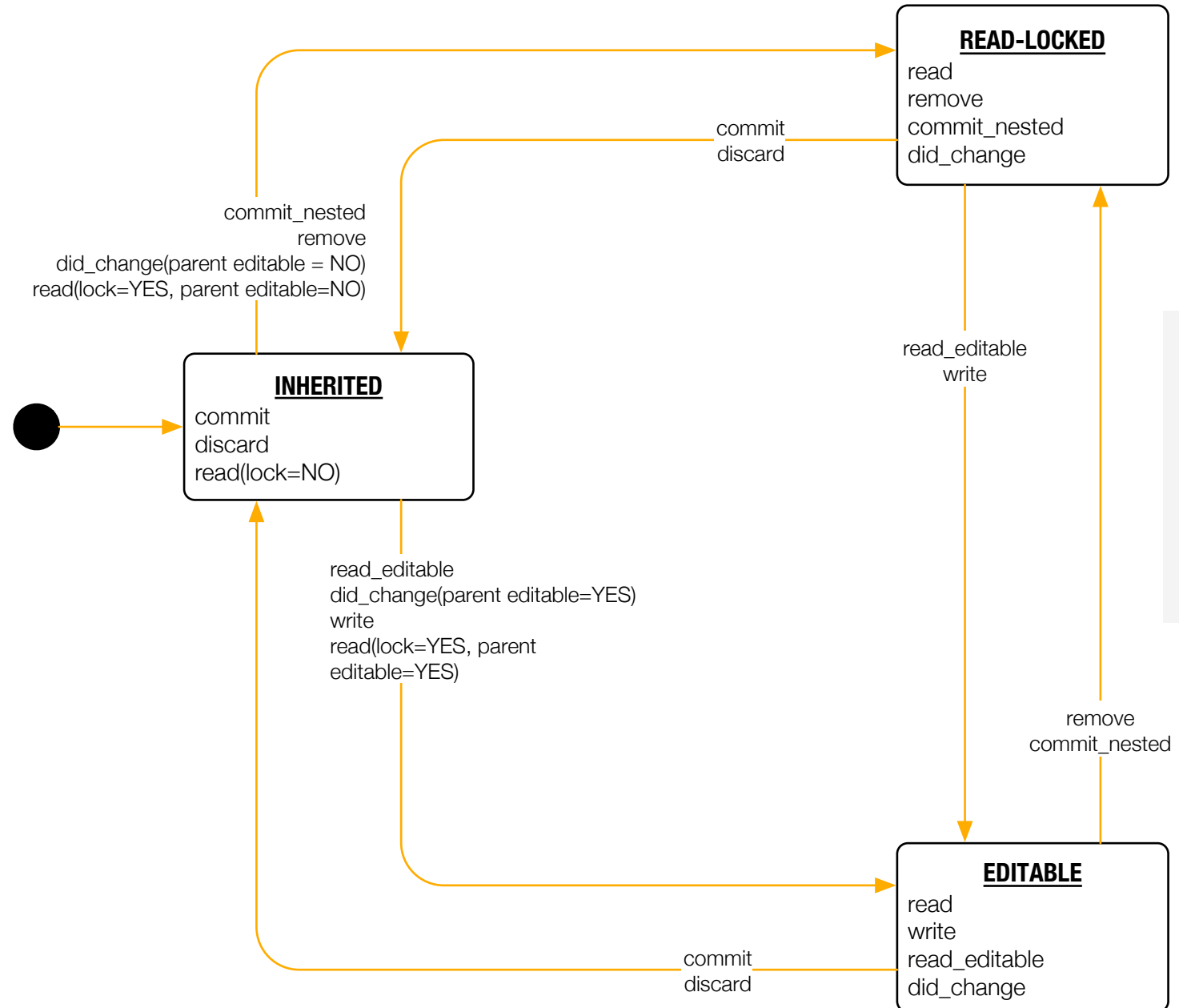
Data Hashes in INHERITED state will change whenever the hash in a parent store changes.

DataHashes in READ-LOCKED state have not been modified but have been locked so they do not change when the parent store changes.

DataHashes in EDITABLE state may have been modified (and also do not change when parent store changes)

Since a base store does not have a parent store, data hashes in the base store cannot be in the INHERITED state

NESTED STORE



EVENT LIST

read
read_editable
write
remove
did_change
commit_nested

commit (nested only)
discard (nested only)

Section Separator

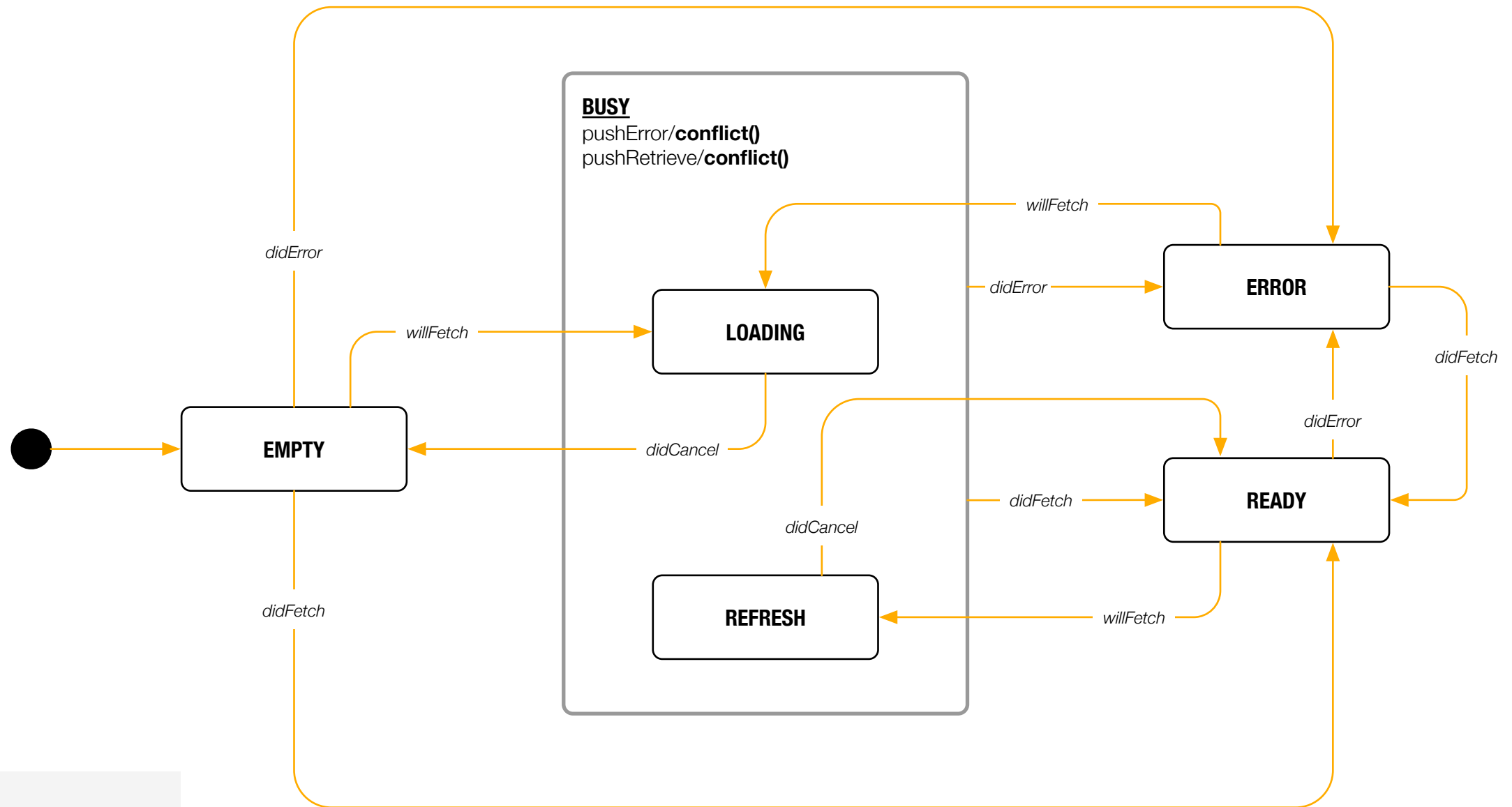
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Fetch Requests

NOTES

Each SC.RecordArray instance is backed by a single SC.Fetch. Fetch objects are global across the app, where a new SC.RecordArray instance will be created for each store or nested store.

The SC.RecordArray#status property reflects the underlying SC.Fetch status, as described below.



EVENT LIST

retrieve - initiate retrieval of query
cancel - cancel retrieval

didComplete - retrieval did complete
didError - retrieval failed

pushRetrieve - retrieve at any time
pushError - error at any time

