

ClientStateStorageImpl

```
package scm.hivemind.statefulservice;

import java.util.HashMap;
import java.util.Iterator;
import java.util.Map;

import javax.servlet.http.HttpSession;
import javax.servlet.http.HttpSessionBindingEvent;
import javax.servlet.http.HttpSessionBindingListener;

import org.apache.commons.logging.Log;

/**
 *
 * @author Marcus Schulte
 */
public class ClientStateStorageImpl implements ClientStateStorage {
    protected Log myLog;

    private HttpSession session = null;
    private boolean invalidSession = false;
    private Map clientStores = new HashMap();
    private Map map = new HashMap();

    private class StoredProxy implements HttpSessionBindingListener {
        private StateStorageClearanceListener clearanceListener;

        public StoredProxy ( StateStorageClearanceListener object ){
            clearanceListener = object;
        }
    }

    public void valueBound( HttpSessionBindingEvent arg0 ) {
        // TODO Auto-generated method stub
    }

    public void valueUnbound( HttpSessionBindingEvent e ) {
        invalidSession = true;
        clearanceListener.clientStateCleared();
        myLog.debug("Session expired or invalidated.");
    }

    public StateStorageClearanceListener getObject() {
        return clearanceListener;
    }
}

/* (non-Javadoc)
 * @see com.bmw.sample.ClientStateStorage#provideSession(javax.servlet.http.HttpSession)
 */
public void provideSession(HttpSession s ) {
    this.session = s;
    this.invalidSession = false;
}

public void setLog( Log log ) {
    myLog = log;
}

/* (non-Javadoc)
 * @see com.bmw.sample.ClientStateStorage#store(java.lang.String, java.lang.Object)
 */
public void store(String key, StateStorageClearanceListener obj) {
```

