

StatefulHivemindFilter

```
package scm.hivemind.statefulservice;

import java.io.IOException;

import javax.servlet.Filter;
import javax.servlet.FilterChain;
import javax.servlet.FilterConfig;
import javax.servlet.ServletException;
import javax.servlet.ServletRequest;
import javax.servlet.ServletResponse;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpSession;

import org.apache.hivemind.Registry;
import org.apache.hivemind.servlet.HiveMindFilter;

/**
 * A servlet filter for setting up the
 * {@link scm.hivemind.statefulservice.ClientStateStorage}
 * for services holding state across requests.
 *
 * @author Marcus Schulte
 */
public class StatefulHivemindFilter implements Filter {

    /**
     *
     */
    public StatefulHivemindFilter() {
        super();
    }

    public void doFilter(ServletRequest request, ServletResponse response,
        FilterChain chain) throws IOException, ServletException {

        HttpServletRequest req = (HttpServletRequest) request;
        Registry registry = HiveMindFilter.getRegistry( req );
        ClientStateStorage stateStore = (ClientStateStorage)
            registry.getService(ClientStateStorage.class);
        stateStore.provideSession( req.getSession() );
        chain.doFilter( request, response );

    }

    /** (non-Javadoc)
     * @see javax.servlet.Filter#destroy()
     */
    public void destroy() {
    }

    /** (non-Javadoc)
     * @see javax.servlet.Filter#init(javax.servlet.FilterConfig)
     */
    public void init(FilterConfig filterConfig) throws ServletException {
    }
}
```