,webclient-cas.PATCH

```
diff -r c3ba49d2a1b2 -r 61c9bad49479 webclient/default.htm
--- a/webclient/default.htm     Mon Apr 19 00:00:00 2010 -0500
+++ b/webclient/default.htm   Fri Aug 27 09:04:50 2010 -0500
@@ -102,7 +102,8 @@
                                    // by editing the CSS file.  You can remark out the lines
below with no ill effect.  Use the following
                                    // javascript function to display the modal login form:
i2b2.hive.PM.doLoginDialog();

        //cellObj.doConnectForm($('loginusr'),$('loginpass'),$('logindomain'), $('loginsubmit'));
-                                   i2b2.PM.doLoginDialog();
+                   var domain = 'localhost'; //@@HARDCODED
+                   i2b2.PM.doCASLogin(domain);
                                            break;
                    }
                })
diff -r c3ba49d2a1b2 -r 61c9bad49479 webclient/js-i2b2/cells/PM/PM_ctrlr.js
--- a/webclient/js-i2b2/cells/PM/PM_ctrlr.js    Mon Apr 19 00:00:00 2010 -0500
+++ b/webclient/js-i2b2/cells/PM/PM_ctrlr.js Fri Aug 27 09:04:50 2010 -0500
@@ -87,6 +87,8 @@
        try {
                var t = i2b2.h.XPath(data.refXML, '//user/password')[0];
                i2b2.PM.model.login_password = i2b2.h.Xml2String(t);
+               t = i2b2.h.XPath(data.refXML, '//user/user_name/text()')[0];
+               i2b2.PM.model.login_username = i2b2.h.Xml2String(t);
        } catch (e) {
                console.error("Could not find returned password node in login XML");
                i2b2.PM.model.login_password =
"<password>"+data.msgParams.sec_pass+"</password>\n";
@@ -495,4 +497,4 @@


 console.timeEnd('execute time');
-console.groupEnd();
\ No newline at end of file
+console.groupEnd();
diff -r c3ba49d2a1b2 -r 61c9bad49479 webclient/js-i2b2/cells/PM/cas_login.js
--- /dev/null     Thu Jan 01 00:00:00 1970 +0000
+++ b/webclient/js-i2b2/cells/PM/cas_login.js        Fri Aug 27 09:04:50 2010 -0500
@@ -0,0 +1,109 @@
+/**
+ * i2b2 login using a CAS ticket as the credential in place of a password.
+ *
+ * @author: Dan Connolly <dconnolly@kumc.edu>
+ *
+ * umm... not sure what these mean...
+ * @inherits    i2b2
+ * @namespace           i2b2
```

```
+ *
+ * @todo: figure out what to do if PM:Login fails; maybe include a link
+ *       back to the portal or something?
+ */
+
+/* see JSLint, The JavaScript Code Quality Tool http://www.jslint.com/ */
+/*jslint browser: true, undef: true, strict: true */
+/*global alert */
+/*global i2b2, i2b2_scopedCallback */
+"use strict";
+
+/**
+ * doCASLogin gets username, ticket, and domain from URL and calls PM:Login
+ */
+i2b2.PM.doCASLogin = function(domainname) {
+    var match, i;
+    var adr = location.href;
+
+    var service = adr.split("?")[0];
+
+    match = /ticket=([^&#]*)/.exec(adr);
+    var ticket = match ? match[1] : null;
+    if (!ticket) {
+        // alert()? that's how we're doing error handling? hmm.
+        alert("login failed: no CAS ticket URL parameter");
+        return;
+    }
+
+    var domain, domains = i2b2.PM.model.Domains;
+    for (i = 0; i < domains.length; i++) {
+        if (domains[i].name == domainname) {
+            domain = domains[i];
+            break;
+        }
+    }
+    if (!domain) {
+        alert('login failed: no such domain in i2b2 config: ' + domainname);
+        return;
+    }
+
+    i2b2.PM.model.url = domain.urlCellPM;
+    i2b2.PM.model.allow_analysis = _flag(domain.allowAnalysis, true);
+    i2b2.PM.model.login_debugging = _flag(domain.debug, true);
+
+    i2b2.h.LoadingMask.show(); // GUI goes busy
+
+    var callback = new i2b2_scopedCallback(i2b2.PM._processUserConfig, i2b2.PM);
+    var parameters = {
+        domain: domain.domain,
+        is_shrine: Boolean.parseTo(domain.isSHRINE),
+        project: domain.project,
```

```
+       username: service,
+       password_text: ticket
+    };
+    var transportopts = {
+       url: domain.urlCellPM,
+       user: service,
+       password: ticket,
+       domain: domain.domain,
+       project: domain.project
+    };
+
+    _make_dialog();
+    i2b2.PM.ajax.getUserAuth("PM:Login", parameters, callback, transportopts);
+};
+
+
+function _flag(expr, fallback){
+    if (expr != undefined) {
+       return Boolean.parseTo(expr);
+    } else {
+       return fallback;
+    }
+}
+
+
+/**
+ * i2b2.PM._processUserConfig assumes the dialog exists, so...
+ */
+function _make_dialog() {
+    if (!$("i2b2_login_modal_dialog")) {
+       var htmlFrag = i2b2.PM.model.html.loginDialog;
+       Element.insert(document.body,htmlFrag);
+
+       if (!i2b2.PM.view.modal.login) {
+         i2b2.PM.view.modal.login = new YAHOO.widget.Panel("i2b2_login_modal_dialog", {
+                 zindex: 700,
+                 width: "501px",
+                 fixedcenter: true,
+                 constraintoviewport: true,
+                 close: false,
+                 draggable: true
+               });
+          // connect the form to the PM controller
+          i2b2.PM.udlogin = {};
+          i2b2.PM.udlogin.inputUser = $('loginusr');
+          i2b2.PM.udlogin.inputPass = $('loginpass');
+          i2b2.PM.udlogin.inputDomain = $('logindomain');
+       }
+    }
+}
diff -r c3ba49d2a1b2 -r 61c9bad49479 webclient/js-i2b2/cells/PM/cell_config_data.js
```

```
--- a/webclient/js-i2b2/cells/PM/cell_config_data.js   Mon Apr 19 00:00:00 2010 -0500
+++ b/webclient/js-i2b2/cells/PM/cell_config_data.js Fri Aug 27 09:04:50 2010 -0500
@@ -7,7 +7,8 @@
                "PM_ctrlr.js",
                "PM_admin_ctrlr.js",
                "PM_admin_view.js",
-               "i2b2_msgs.js"
+               "i2b2_msgs.js",
+               "cas_login.js"
        ],
        css: ["modProjects.css"],  // ONLY USE 1 STYLE SHEET:
http://support.microsoft.com/kb/262161
        config: {
```