

Testing Remember Me

Apply the patch you have been sent.

There are a lot of different parts to this.

Set up:

- Make sure that you have the remember me plugin enabled and that you have a non admin user to use for testing.
- To see cookies use something like Chrome developer tools and click right on your page. Then go to the Resources tab.
- You need to run the database changes to create the new table*
- You will need to discover install a new plugin, cookie authentication.
- In the index of your template underneath
\$user = JFactory::getUser();
put
var_dump(\$user);

* To run database changes

Go to administrator/components/com_admin/sql/

find the 3.1.2 or 2.5.12 update as appropriate.

In that file change the #_ to your prefix and in phpmyadmin (or however you do sql) either import or run in the sql tab.

Image below shows basic set up when you are not logged in

```
object(JUser)#27 (24) { ["isRoot":protected]=> bool(false) ["id"]=> int(0) ["name"]=> NULL ["username"]=> NULL ["email"]=> NULL ["password"]=> NULL ["password_clear"]=> string(0) "" ["block"]=> NULL
int(0) ["registerDate"]=> NULL ["lastvisitDate"]=> NULL ["activation"]=> NULL ["params"]=> NULL ["groups"]=> array(1) { [0]=> string(2) "13" } ["guest"]=> int(1) ["lastResetTime"]=> NULL ["resetCount"]=>
["_params":protected]=> object(JRegistry)#28 (1) { ["data":protected]=> object(stdClass)#29 (0) { } ["_authGroups":protected]=> array(2) { [0]=> int(1) [1]=> int(13) } ["_authLevels":protected]=> array(3)
[2]=> int(5) } ["_authActions":protected]=> NULL ["_errorMsg":protected]=> NULL ["_errors":protected]=> array(0) { } ["aid"]=> int(0) }
```

The screenshot shows the Joomla! 3.0 testing interface. The page title is "easy32" and it has a navigation bar with links: Home, Sample Sites, Joomla.org, Parks, and Fruit Shop. The main heading is "Joomla! Testing" with a subheading "Thanks for helping us to test Joomla!". Below this, there is a message about the release of Joomla 3.0 and a list of tips for testing. The Chrome DevTools console is open, showing a table of cookies.

Name	Value	Domain	Path	Expires / ...	Size
087f9835a63b5aa809c13aad5636a63b	r24e1h8huc5h9p0382us2lns7	127.0.0.1	/	Session	5
15188e18d6b03fcd0511152b83bc5fee	en-GB	127.0.0.1	/	Sun, 06 Jul...	3
353abaa8263920ea992fc5c1dc5ec60	en-GB	127.0.0.1	/	Sun, 30 M...	3
8696e0a14fc386f55658553673e3347f	en-GB	127.0.0.1	/	Wed, 21 M...	3

Test 0

Try regular login and logout, no remember me checked.

Make sure you don't get a cookie and all works as expected.

Also make sure you still get blocked with a bad password.

New Also create a brand new user and make sure that user can login.

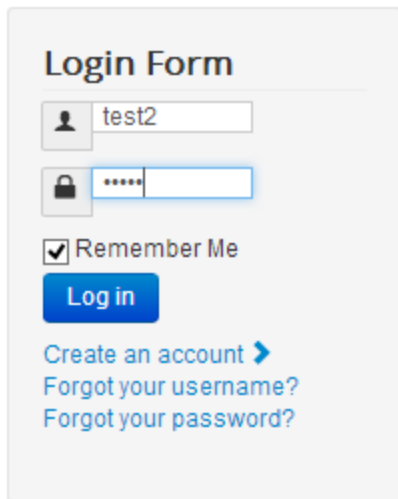
Test 1

Basic usage

If you have done remember me testing before it is best to start with a totally clear #__user_keys table to get rid of any old cookie records. Go to the database and delete any data in that table.

In this test we are confirming that you get a cookie when you check the remember me box, that a row is stored in the database, and that both are destroyed when you log out.

As a non admin user login with the remember me box checked.



A login form titled "Login Form" with a light gray background. It contains a username input field with a person icon and the text "test2". Below it is a password input field with a lock icon and five dots. A checkbox labeled "Remember Me" is checked. A blue "Log in" button is below the checkbox. At the bottom, there are three links: "Create an account" with a right arrow, "Forgot your username?", and "Forgot your password?".

→ You should get a cookie set to expire in 60 days in CMS 3

→ In your database you should get a new row in the #__user_keys table

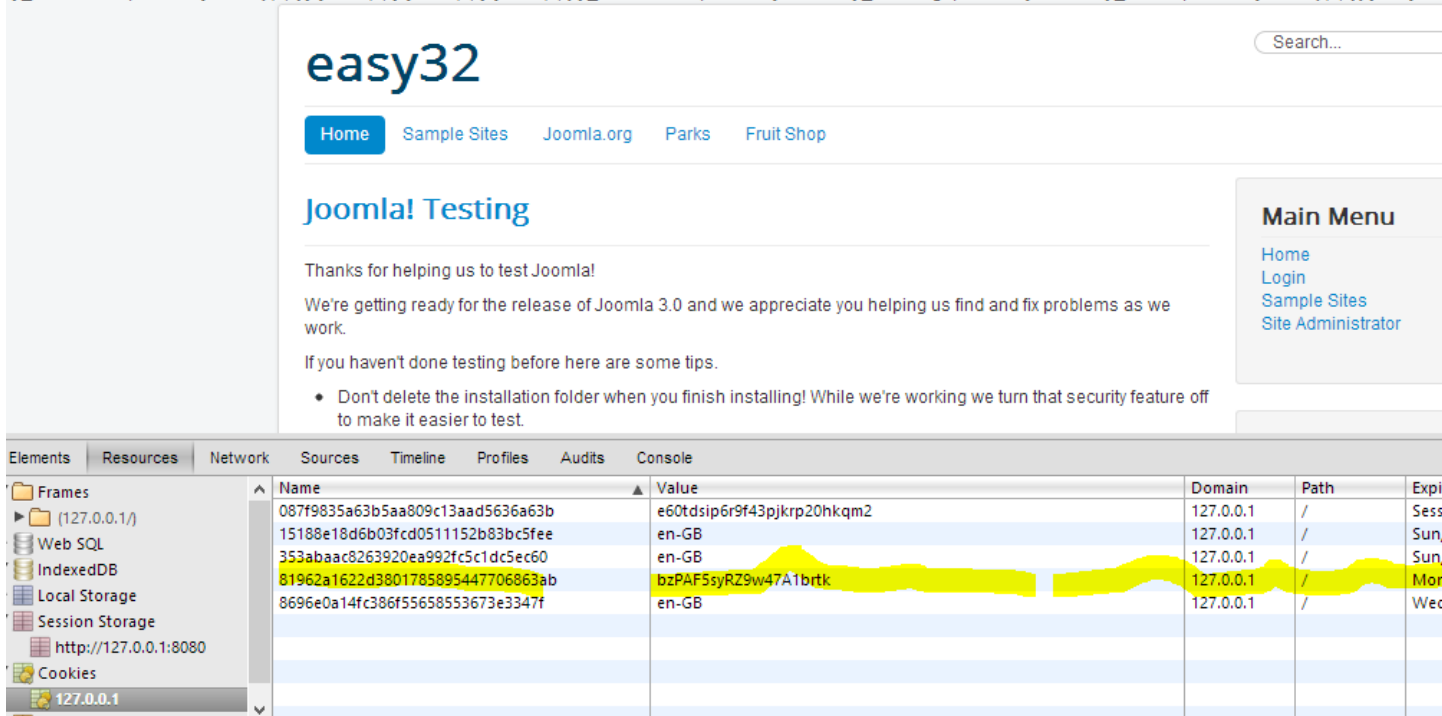
Logout with the button.

→ The cookie should be destroyed.

Now try the same as an administrator. You should not get a cookie and not get a row stored.

Image: Basic setup showing user object and a remember me cookie

```
object(JUser)#30 (24) ["isRoot":protected]=> bool(false) ["id"]=> string(3) "778" ["name"]=> string(5) "test2" ["username"]=> string(5) "test2" ["email"]=> string(14) "test2@fake.com" ["password"]=> string(10) "50fXr4ocOPFLZ9rKc.DYmIgl1Uzq61XV3rdORHh2CIG0ewjHalP6Wk13a3wk3bBiDaT03sfx5S1EvpxNi8Ww2" ["password_clear"]=> string(0) "" ["block"]=> string(1) "0" ["sendEmail"]=> string(0) "" ["2013-07-19 14:43:05"] ["lastResetTime"]=> string(19) "2013-07-19 13:39:04" ["activation"]=> string(0) "" ["params"]=> string(92) ["admin_style"]=> string(0) "" ["admin_language"]=> string(0) "" ["editor"]=> string(0) "" ["guest"]=> int(0) ["lastResetTime"]=> string(19) "0000-00-00 00:00:00" ["resetCount"]=> string(1) "0" ["_params":protected]=> object(JRegistry)#31 (1) ["data"]=> array(1) [{"2"}] ["_admin_style"]=> string(0) "" ["admin_language"]=> string(0) "" ["language"]=> string(0) "" ["editor"]=> string(0) "" ["helpsite"]=> string(0) "" ["timezone"]=> string(0) "" ["_authGroups":protected]=> array(3) [{"0"}] [{"0"}] [{"1"}] [{"2"}] [{"int(2)}] ["_authActions":protected]=> NULL ["errorMsgs":protected]=> NULL ["_errors":protected]=> array(0) [{"aid"}]
```



Test 2

If you have done testing before it is best to start with a totally clear #__user_keys table to get rid of any old cookie records. Go to the database and delete any data in that table.

In this test we want to confirm that you get a new cookie each time, that `cookieLogin` property is added to the user when logging in with a cookie, that users who login with cookies cannot edit the user profile, and that this works repeatedly and with several tabs open.

Login as non admin with remember me checked.

→ Confirm there is a cookie . Write down or copy the first few letters

Go to the home page or any page that is not the login/user profile

Delete your session cookie and refresh.

(See Image with no session cookie)

You still should be logged in, but with a new cookie value

Cookies and login after refreshing (and a successful remember me login)

Login Form

Hi test2,

[Log out](#)

© easy32 2013

Sources	Timeline	Profiles	Audits	Console
Name	Value	Domain	Path	Ex
087f9835a63b5aa809c13aad5636a63b	kkfru99e4ouotlmhcsaunie405	127.0.0.1	/	Se
15188e18d6b03fcd0511152b83bc5fee	en-GB	127.0.0.1	/	Su
353abaa8263920ea992fc5c1dc5ec60	en-GB	127.0.0.1	/	Su
81962a1622d3801785895447706863ab	ygFrW77MbmH0I4pThJY1	127.0.0.1	/	M
8696e0a14fc386f55658553673e3347f	en-GB	127.0.0.1	/	W

- Look at the login module to confirm you are logged in.
- You should have a cookie but with a new value
- Your user data should now include: "[cookieLogin]"=> bool(true)

```
object(JUser)#126 (25) { ["isRoot":protected]=> bool(false) ["id"]=> string(3) "778" ["name"]=> string(5) "test2" ["username"]=> string(5) "test2" ["email"]=> string(14) "test2@fake.
string(92) "$2y$10$XfyrOPXLz9XRg.DYMiG1.IUzq61XV3doROHH2CiGOewjHalPf6W.ikX3wkq3biDaT03sfjx5S1EvpXNi8Ww2" ["password_clear"]=> string(0) "" ["block"]=> string
["sendEmail"]=> string(1) "0" ["registerDate"]=> string(19) "2013-07-09 14:43:55" ["lastvisitDate"]=> string(19) "2013-07-11 13:52:18" ["activation"]=> string(0) "" ["params"]=> string
{"admin_style":"","admin_language":"","language":"","editor":"","helpsite":"","timezone":""} ["groups"]=> array(1) { [2]=> string(1) "2" } ["guest"]=> int(0) ["lastResetTime"]=> string(1
00:00:00" ["resetCount"]=> string(1) "0" ["_params":protected]=> object(JRegistry)#139 (1) { ["data":protected]=> object(stdClass)#136 (6) { ["admin_style"]=> string(0) "" ["admin_
string(0) "" ["language"]=> string(0) "" ["editor"]=> string(0) "" ["helpsite"]=> string(0) "" ["timezone"]=> string(0) "" } } ["_authGroups":protected]=> array(2) { [0]=> int(1) [1]=> int(2) }
["_authLevels":protected]=> array(3) { [0]=> int(1) [1]=> int(1) [2]=> int(2) } ["_authActions":protected]=> NULL ["_errorMsg":protected]=> NULL ["_errors":protected]=> array(0) { } ["a
["rememberLogin"]=> bool(true) }
```

Please repeat this several times, you should be able to use remember me login over and over . Also please try opening a new tab to the site in the same browser and refreshing. You should be logged in. **Each time you need to delete your session cookie but only the session cookie to test. Once you log in normally the loginRemember will disappear**

Browse to the edit profile page.

→ You should get a login screen instead of the profile screen

→ Go to the admin and refresh. You should not be be logged in to the administrator.

Test 3

If you have done testing before it is best to start with a totally clear #__user_keys table to get rid of any old cookie records. Go to the database and delete any data in that table.

In this test we try to use a corrupt cookie and we want to fail.

A screenshot of a web browser's developer tools, specifically the 'Cookies' tab. The interface shows a single cookie selected. At the top, there's a header with a dropdown arrow, a long alphanumeric string '81962a1622d3801785895447706863ab', and the IP address '127.0.0.1'. Below this, there are three icons with labels: a flag icon for 'Flag cookie', a trash can icon for 'Delete cookie', and a key icon for 'Set as readonly'. The main area contains four input fields: 'Value' with the text '2tocy09p5jLQ1E48CPmxxx', 'Domain' with '127.0.0.1', 'Path' with '/', and 'Expiration' with '09/09/2013 10:22 AM'. At the bottom, there are four checkboxes: 'HostOnly' (checked), 'Session' (unchecked), 'Secure' (unchecked), and 'HttpOnly' (checked). A 'Submit cookie changes' button is located at the bottom right.

Property	Value
Value	2tocy09p5jLQ1E48CPmxxx
Domain	127.0.0.1
Path	/
Expiration	09/09/2013 10:22 AM

HostOnly ☒ Session ☐ Secure ☐ HttpOnly ☒

Submit cookie changes

Use a cookie editing application change the value of the remember me cookie. (get a plugin for your browser)

Delete your session cookie (these say Session)

Refresh the page

→ You should not be logged in

The valid cookie information will still be in the database.

The invalid cookie will still be in your browser

After finishing this test make sure to delete the corrupt cookie

Login Form

 User Name

 Password

☐ Remember Me

[Log in](#)

[Create an account](#)

[Forgot your username](#)

[Forgot your password](#)

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rk	Sources	Timeline	Profiles	Audits	Console	
^	Name	▲	Value	Domain	Path	Expires /..
	087f9835a63b5aa809c13aad5636a63b		r0j27mbdffkl9ji0uobjocl301	127.0.0.1	/	Session
	15188e18d6b03fcd0511152b83bc5fee		en-GB	127.0.0.1	/	Sun, 06 J.
	353abaac8263920ea992fc5c1dc5ec60		en-GB	127.0.0.1	/	Sun, 30 ..
	81962a1622d3801785895447706863ab		2toqy09p5jLQ1E48CPpmxxxx	127.0.0.1	/	Mon, 09 .
	8696e0a14fc386f55658553673e3347f		en-GB	127.0.0.1	/	Wed, 21 .

Test 4

Expired cookies

If you have done testing before it is best to start with a totally clear #__user_keys table to get rid of any old cookie records. Go to the database and delete any data in that table.

In this test we make sure that expired cookies are deleted from the database and can't be used.

Login as non admin user with remember me box checked.

Go to your database #__user_keys table and for the cookie edit the 'time' field. Changing the value to 1370000 will do the trick.

Delete session.

Refresh.

→ You should not be logged in

→ In the database the row for that cookie should be gone

Test 5

Joomla CMS 3 Only

Plugin parameters

If you have done testing before it is best to start with a totally clear #__user_keys table to get rid of any old cookie records. Go to the database and delete any data in that table.

In this test we make sure that the new remember me plugin parameters work

Go to the remember me plugin in the plugin manager. Change the key length and cookie life time settings.

Note this image is out of date , there is now a drop down for length.



Save Save & Close Close Help

Details Basic Options

Cookie Lifetime * 30

Key Length * 50

Login with a non admin user and remember me checked.

→ New cookie should reflect the new settings

Name	Value	Domain	Path	Expires / Max-Age	HTTP
087f9835a63b5aa809c13aad5636a63b	g4ij3d4uol1f2lsvd6sa78hjd5	127.0.0.1	/	Session	✓
15188e18d6b03fcd0511152b83bc5fee	en-GB	127.0.0.1	/	Sun, 06 Jul 2014 16...	
1fa988031405a68b198dba9d1a4993fb	56b21h06vduu75j95cqq24ses4	127.0.0.1	/	Session	✓
353abaac8263920ea992fc5c1dc5ec60	en-GB	127.0.0.1	/	Sun, 30 Mar 2014 1...	
81962a1622d3801785895447706863ab	Sfdc5eol6VZIEtIlR0MNQrAZGaPE3RC87ldffjP6jtKcSPuBse	127.0.0.1	/	Sat, 10 Aug 2013 1...	✓
8696e0a14fc386f55658553673e3347f	en-GB	127.0.0.1	/	Wed, 21 May 2014 ...	

Test 6

If you have done testing before it is best to start with a totally clear #__user_keys table to get rid of any old cookie records. Go to the database and delete any data in that table.

In this test we want to be sure that when a user is deleted any rows in #__user_keys are deleted

Create a new non admin user.

Do a login with remember me checked.

Note that a row is created.

Delete the session for the user and close the tab or window.

In the administrator delete the user

Check the #__user_keys table

→The deleted user's rows should be gone.

The same should work for when a user is blocked in the user manager (all the user's rows in #__user_keys should be deleted)