

## BEEM - Android XMPP - Feature #216

### Multi User Chat [XEP-0045]

11/19/2009 07:23 PM - Vincent Véronis

<b>Status:</b> New	<b>Start date:</b> 11/19/2009
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b> Conception	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	
<b>Description</b>	
<b>Please vote for ONE feature to choose the next improvement.</b>	
<a href="#">Basic implementation XEP-0045: Multi-User Chat</a>	
This feature allow multi user text conversation. We want to offer the basic functionality of multi user chat. The user <b>MUST</b> be able to :	
<ol style="list-style-type: none"><li>1. Join a room</li><li>2. Leave a room</li><li>3. Send public message all around the room.</li><li>4. Create a room</li><li>5. Destroy a room</li></ol>	
The user <b>MAY BE</b> able to :	
<ol style="list-style-type: none"><li>1. Change his nickname</li><li>2. Invite an user to his room</li><li>3. Send private message to particular user of the room.</li><li>4. Converting 1 to 1 chat into multi user chat</li><li>5. Requesting Voice like in IRC.</li></ol>	
<b>Related issues:</b>	
Has duplicate Feature #307: MUC chatrooms	<b>Closed</b> 10/22/2010

### History

#1 - 11/19/2009 08:06 PM - Jean-Manuel Da Silva

Vincent Veronis wrote:

**Please vote for ONE feature to choose the next improvement.**

[Basic implementation XEP-0045: Multi-User Chat](#)

This feature allow multi user text conversation. We want to offer the basic functionality of multi user chat.

The user **MUST** be able to :

1. Join a room
2. Leave a room
3. Send public message all around the room.
4. Create a room
5. Destroy a room

The user **MAY BE** able to :

1. Change his nickname
2. Invite an user to his room
3. Send private message to particular user of the room.
4. Converting 1 to 1 chat into multi user chat
5. Requesting Voice like in IRC.

Concernant les **MUST** features:

Tout est OK pour moi, excepté l'histoire de room.

Je pense que l'on doit se focaliser uniquement sur les room de type "Hidden Room".  
Tout ce qui concerne les rooms publiques, avec modérations, semi-privés etc doivent être tout simplement oubliées pour le moment.

N'oublions pas que le but de l'EIP reste de la VOIP, et a la limite de la vidéo.  
Le MUC reste intéressant seulement dans le cas où l'on part uniquement dans l'idée de faire du MUC style MSN, et où le développement n'est pas conséquent.

Quand je vois la montagne que c'est de proposer une DialogBox, j'imagine pas pour une implémentation complète du MUC. Restons tout de même prudent.

Pour finir concernant les **MAY** features:

1. Invite an user to his room
2. Converting 1 to 1 chat into multi user chat

Je ne vois que ces deux là qui peuvent s'intégrer rapidement et qui semblent même logiques.

## **#2 - 08/26/2010 11:06 PM - Alexandre Chataignon**

- File *beem-muc.patch* added

Hi all,

You can find enclosed a patch adding MUC feature to Beem.

All the **MUST** features are implemented (a room is created when you join a unexistent room, and destroyed when it is empty)

About the **MAY** features, only the private messages are implemented, and there certainly are still bugs

To join a MUC, you need to show the menu in the buddies list, and click on MUC. A dialog will ask you the room and your nickname.  
Another way is to add the MUC JID in your contact list and then show the contextual menu of this contact, then click on "Join as MUC" (it is quite dirty, better would be to implement bookmarks (XEP-0048)).

This patch is my first code for Android (I needed MUC and I prefer Beem from the other jabber clients), so the code may be a little bit dirty, but it works :)

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Salut à tous,

Je vous soumetts un patch ajoutant le support des salons MUC dans Beem.

Il respecte toutes les **MUST** (la création d'un MUC se fait en rejoignant un MUC non existant, et le salon se détruit si il n'y a plus personne dedans).

Concernant les **MAY**, seuls les messages privés sont implémentées, et encore il doit rester quelques bugs...

Pour rejoindre un MUC, il suffit de faire apparaître le menu dans la liste des contacts, et cliquer sur MUC. Une fenetre s'ouvrira et permettra de regler le nom de la salle et le pseudo voulu.

Une autre solution est de rajouter la salle dans ses contacts, puis de faire apparaitre le menu contextuel et cliquer sur "Join as MUC" (ce n'est pas très propre, il faudrait implémenter les bookmarks (XEP-0048)).

Ce patch est ma première expérience Android (j'avais besoin du MUC et je préfère Beem aux autres clients Jabber), donc tout ne doit pas être propre, néanmoins, ça marche :)

## **#3 - 08/27/2010 02:06 AM - Frédéric Barthéléry**

I just test it a few minutes and it seems to work fine. I will look at the code this week end. but anyway it is a great contribution which will make lot of people happy.

Good job.

PS : Sur le bug tracker on essaie de parler anglais juste pour les nombreux anglophones.

## **#4 - 09/22/2010 10:34 AM - Frédéric Barthéléry**

- File *Beem-muc.apk* added

Since a lot of users request it, I upload an apk patched with the muc.patch . Use at your own risk.

We have not start to clean it because we are working on other things for the moment.

But I'll be glad to help Alexandre to improve this patch so we can integrate it soon.

## **#5 - 02/28/2011 05:03 PM - Alexandre Chataignon**

Hi,

Here is attached the patch to add MUC support in Beem 0.1.5.

The patch was adapted by Antoine Pierlot-Garcin <antoine at bokbox dot com>.

In addition to this patch, I have added the support of highlights that wasn't in my previous patch.

**#6 - 02/28/2011 05:03 PM - Alexandre Chataignon**

- File *patch\_beem\_muc\_015.patch* added

Hi,

Here is attached the patch to add MUC support in Beem 0.1.5.  
The patch was adapted by Antoine Pierlot-Garcin <antoine at bokbox dot com>.  
In addition to this patch, I have added the support of highlights that wasn't in my previous patch.

**#7 - 03/01/2011 03:44 PM - Nikita Kozlov**

Hi Alexandre,

Thanks for the patch, we will try to review it and give you a proper reply asap.  
Also, have you subscribed to Beem mailing list in the case of reply on it ?

**#8 - 03/29/2011 01:26 PM - Davide Cozzolino**

but ascmak has a bug in multichat, read <http://code.google.com/p/asmack/issues/detail?id=28>

**#9 - 03/30/2011 01:19 AM - Frédéric Barthéléry**

Davide Cozzolino wrote:

but ascmak has a bug in multichat, read <http://code.google.com/p/asmack/issues/detail?id=28>

In Beem, we are contourning this bug by loading the smack extensions manually during the initialization of the application. So this is not really impacting us.

**#10 - 11/24/2011 11:09 PM - Andrew Clunis**

Hey, is anything in particular blocking this patch from getting merged?

**#11 - 04/10/2012 11:09 PM - Andrew Dorney**

- File *beem\_muc\_for\_r969.patch* added

- File *Beep-debug-r969-plus-muc-for-ics.apk* added

I'm not much of a developer, but I've got enough experience that I was able to port Alexandre Chataignon's 015 patch to the latest HG revision, [r969](#). See attached.

For those wishing to try it out, I've attached the APK above. For those who want to build one themselves, here's what I did:

```
hg clone -u 969 beem
cd beem
patch -p0 < add_muc_to_r969.patch
android update project -p . target <your target>
ant debug
```

I built against android-15 (ICS 4.0.3) and it's working pretty well.

Known issues:

- Crashes if I attempt to enter a chat room with a space in the name rather than handling it gracefully.
- When the phone sleeps, it disconnects me from the MUC rather than leaving it open to receive messages, etc.

**#12 - 12/11/2012 06:21 PM - Christian Fischer**

Thank you Andrew Dorney for your work!

I will try to fix the issues with the current revision.

Porting to github for development and keeping track: <https://github.com/computerlyrik/beem-muc>

**Files**

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beem-muc.patch	48.3 KB	08/26/2010	Alexandre Chataignon
Beem-muc.apk	706 KB	09/22/2010	Frédéric Barthéléry
patch_beem_muc_015.patch	51.4 KB	02/28/2011	Alexandre Chataignon

beem_muc_for_r969.patch	56.3 KB	04/10/2012	Andrew Dorney
Beep-debug-r969-plus-muc-for-ics.apk	867 KB	04/10/2012	Andrew Dorney