



Miranda bug fix – issue 1695

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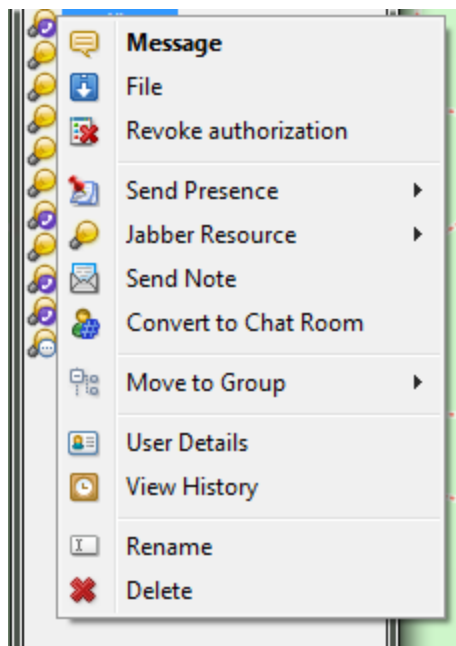
9.5.2013

Goal

- Fix issue 1695 „Jabber; state always "on the phone" with not the real status or statusmessage“
 - Cannot read status or status message of mobile contacts (contacts using client applications for mobile devices)
 - <http://code.google.com/p/miranda/issues/detail?id=1695>

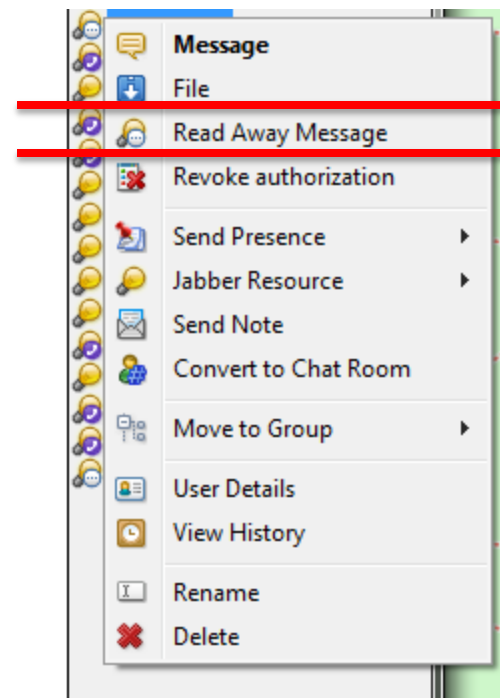
Issue 1695

- Current behaviour



Button missing

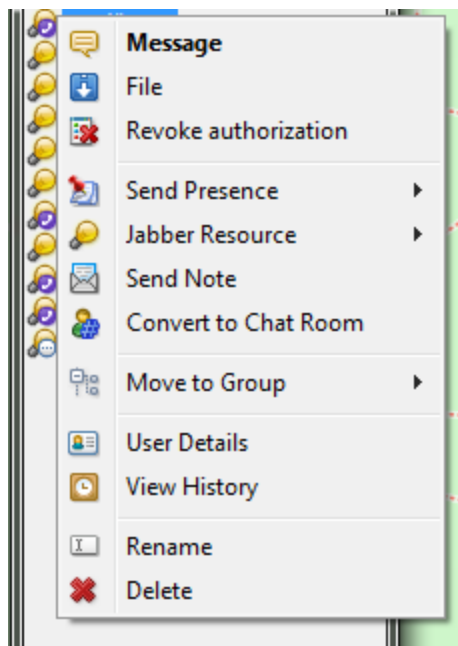
Expected behaviour



Button present

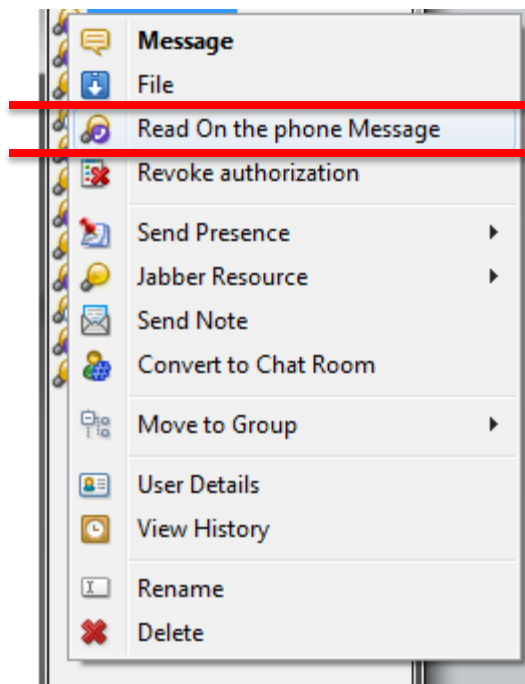
Fixed behaviour

- Buggy behaviour



Button missing

Fixed behaviour



Button present

Bugfix

- Problem found and fixed successfully
- Created SVN diff as text file
- Bugfix uploaded to mailing list as attachment
- Sent email to project owner
- Next day, new minor version was released including this bugfix
- Distributed thorough auto-update feature

Bugfix - technical details

- Invalid enum mapping contact type to available buttons
- Failsafe check prevented from crash
- Fixed mapping results to correct behaviour

```
1 |Index: miranda/protocols/JabberG/jabber_proto.cpp
2 |=====
3 --- miranda/protocols/JabberG/jabber_proto.cpp (revision 14409)
4 +++ miranda/protocols/JabberG/jabber_proto.cpp (working copy)
5 @@ -703,7 +703,7 @@
6     case PFLAGNUM_2:
7         return PF2_ONLINE | PF2_INVISIBLE | PF2_SHORTAWAY | PF2_LONGAWAY | PF2_HEAVYDND | PF2_FREECHAT | P
8     case PFLAGNUM_3:
9 -     return PF2_ONLINE | PF2_SHORTAWAY | PF2_LONGAWAY | PF2_HEAVYDND | PF2_FREECHAT;
10 +     return PF2_ONLINE | PF2_SHORTAWAY | PF2_LONGAWAY | PF2_HEAVYDND | PF2_FREECHAT | PF2_ONTHEPHONE;
11     case PFLAGNUM_4:
12         return PF4_FORCEAUTH | PF4_NOCUSTOMAUTH | PF4_NOAUTHDENYREASON | PF4_SUPPORTTYPING | PF4_AVATARS |
13     case PFLAGNUM_5:
14
```

Project experience

- Contact bug reporter for details, get as much information as you can
- Do something first, then communicate with project owners (risk of doing redundant work)
- They let me test the bugfix – which is strange
- New version was released very quickly – which is great