

## Theme: FronterBridge

### Fronter 82

This document was produced by Fronter AS – [www.fronter.com](http://www.fronter.com)  
It can only be copied or distributed electronically according to contract or agreement  
with



#### News in volume 82:

- More details regarding access to external rooms are added

Theme: FronterBridge.....	1
Introduction.....	2
General overview .....	2
Procedure .....	3
Settings for an external room.....	6
1: Enable FronterBridge.....	8
2: Allow FronterBridge users to remotely access files .....	10
3: Enable individual application for membership.....	11
Give the room a description.....	13
Version control.....	15

## Introduction

This document is about the tool *FronterBridge* in Fronter 82. The examples are an attempt to illustrate well-known problems connected to teaching.

Fronter is continually developing and improving. There may therefore be some discrepancies between documentation and application. This guide was written to Fronter 82.

We hope you find this guide useful

Lillehammer, August 2008  
Steinar Hov/Ingun Vaglid

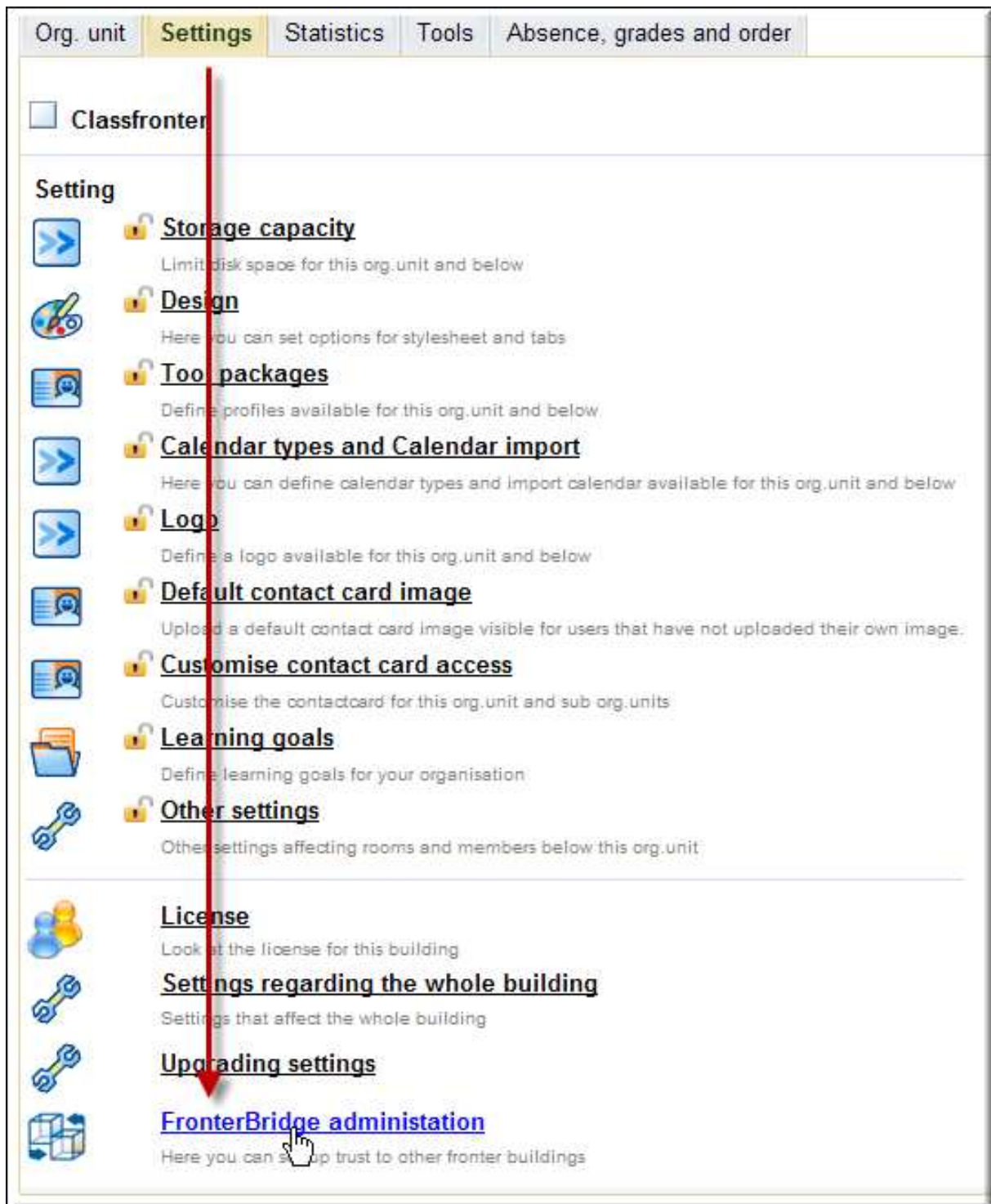
## General overview

FronterBridge is a tool used for connecting different buildings (Fronter installations) together. One relevant issue at the moment is about giving users at a school or institution access to rooms in another, without having to create new users etc. *FronterBridge* is used to connect to the installation, which means that it will be possible to provide access to rooms from one building in the room selector for the other building.

Before anyone can try to access rooms in another Fronter installation, the administrator must configure some settings.

## Procedure

The Top Administrator will have access to the *FrontierBridge administration* option under *Settings*:



Under the *Trusted buildings* tab the administrator must specify the URL of the other installation which is going to have access to rooms in a different building:



If you select *Request trust* a request is sent to the other building and you will receive the following acknowledgement:



The *External Shared Rooms* tab appears under *Settings*:



This will provide a list of the rooms made accessible via FronterBridge.

The installation which is *receiving* these invitations will appear under the *Received trusts* tab under *Settings*.



Org. unit **Settings** Tools Statistics

FronterBridge

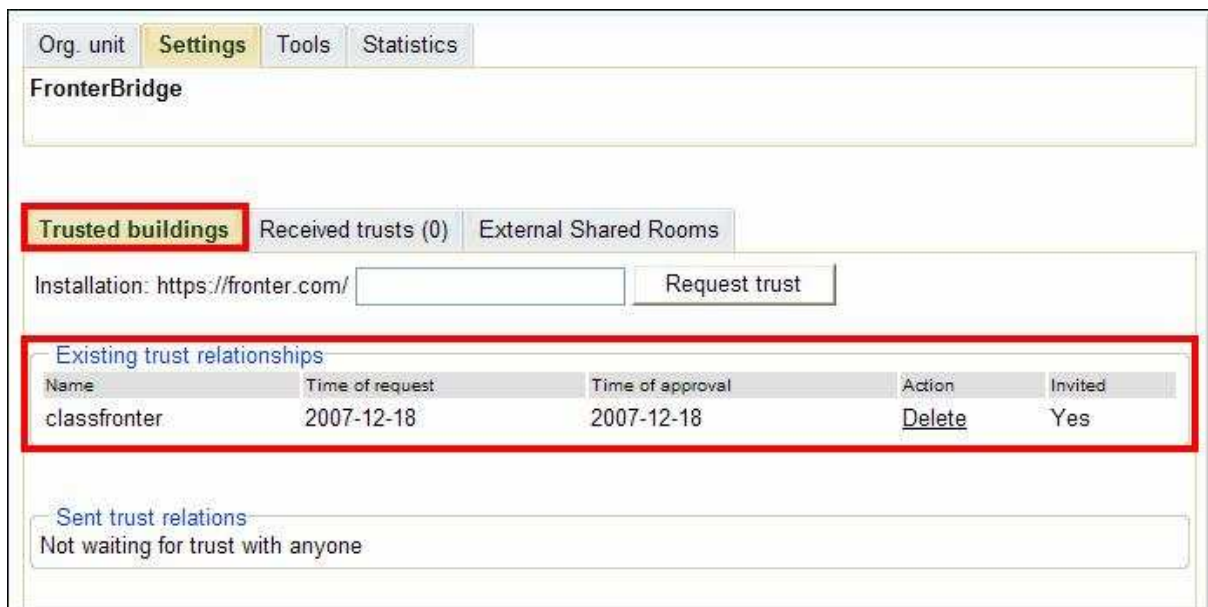
Trusted buildings **Received trusts (1)** External Shared Rooms

Received requests for trust to this installation

Name	Time of approval	Action
classfronter	2007-12-18	<a href="#">Accept</a> <a href="#">Delete</a>

By accepting the invitation, the rooms which have been made available for this type of access will now be available.

Both installations will have a list of the active connections displayed under the *Trusted buildings* tab. Connections can also be deleted from here:



Org. unit **Settings** Tools Statistics

FronterBridge

**Trusted buildings** Received trusts (0) External Shared Rooms

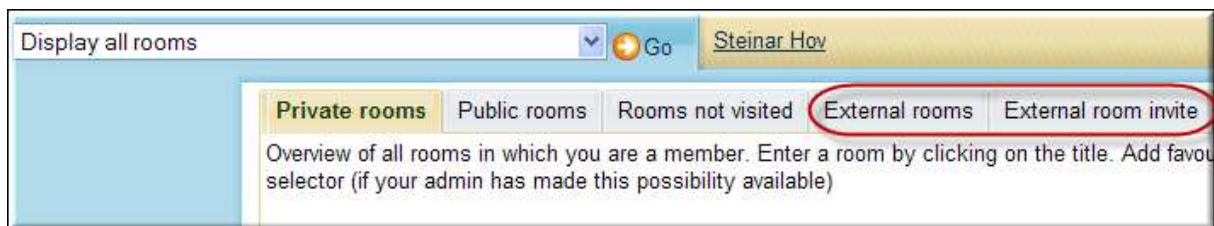
Installation:

Existing trust relationships

Name	Time of request	Time of approval	Action	Invited
classfronter	2007-12-18	2007-12-18	<a href="#">Delete</a>	Yes

Sent trust relations  
Not waiting for trust with anyone

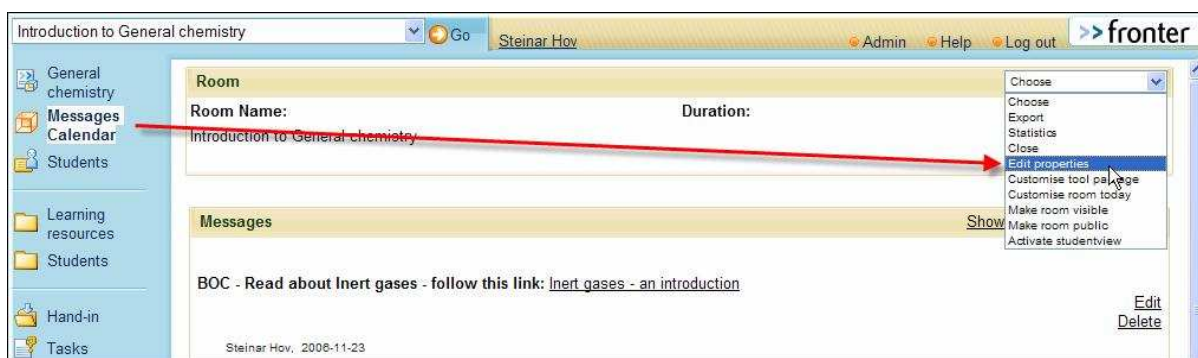
Once a connection has been established and activated (granted), two new tabs will be added to the “guest” building’s room selector: *External rooms* and *External room invite*. The latter option is used to view any new rooms made available for access:



## Settings for an external room

We will now have a look at the different settings for an external room. Have in mind that adding information in the field *room description* might be a smart move: External users then get relevant information accessing this room from their own Fronter building.

Every room which can be used via FronterBridge must have this indicated in the room's *Properties*.



At the very bottom of the screen you will find the options allowing you to choose to make the information in the room read only or to offer “normal” membership:

**Edit properties**

Org. unit (corridor):

Room Name:

Duration:

Description:

Turn tool bar off

Source  Format  Font Times New Ro... Size small **B** *I* U ABC

**Other options:**

- Use simple Resource folder view in this room
- Public
  - Rooms can be private or public. Non-members may either see only the room description in public rooms or apply for room membership
  - Let people apply
  - Only show room description

**Enable FronterBridge:**

- Allow FronterBridge users to remotely access files
- Enable individual application for membership

Save Cancel

Let us have a closer look at these options:

**Enable FronterBridge:**

- (1)
- (2)  Allow FronterBridge users to remotely access files
- (3)  Enable individual application for membership

- (1) This option is mandatory if you want to enable this room as an external room. Here you can invite single users or groups.
- (2) This option makes it possible for external users who are invited as members also can search for content in the room from their own building.
- (3) This option gives any user in the “guest” building the opportunity to ask for room access. This request can be granted or rejected

## 1: Enable FronterBridge

As mentioned previously this option is mandatory if the room is going to be accessed from another building. The *room owner* or the *administrator* must invite the members (single users or groups):

**Participant management screen**

**Members**

Contacts

Evavold, Emily Delete(Teacher) Remove Edit

Org. units (groups)

Students: BoC 2004-2007 Write(Student) Remove Edit

**Enrol**

Search for In org.unit (group):

No result from search, search again

Access: Read(Guest)

Add Cancel

**Remote user or group**

Installation: https://fronter.com/LondonDocumentation (1)

Access: Write(Student) (2)

Userid/Username (3)

Groupid

Invite user

Invite group

Members	Remote ID	Installation	Access	Action
steinarh	769197719	https://fronter.com/	Read(Guest)	Edit Delete

First you have to give access to correct installation (1), choose correct access right in the room (2) and finally enrol single users or groups (3).

You must have the ID-s for single users and groups to be enrolled. This information must come from the “guest” installation, normally from the administrator.

Single users and groups have a unique ID in Fronter and it is a number: Point at the user or the group: the number is shown at the bottom:

## Group:

The screenshot shows the 'Org. unit' settings for the group 'Students: BBA 2005-2008'. The left sidebar shows a tree view of organizational units, with 'Students: BBA 2005-2008' selected. The main content area includes tabs for 'Org. unit', 'Settings', 'Statistics', and 'Tools'. The 'Org. unit' tab is active, showing details for the group: 'Created by: Steinar Hov', 'Allow to create sub: groups', and 'Description:'. Below this, there are sections for 'Members' (10 members, 0 groups enrolled) and 'Access rights'. A table lists the access rights for the group and its members:

Name	Contact access	Room access	
Students: BBA 2005-2008	View contacts	No access	Modify

Below the table, there is a section for 'Contacts which have inherited rights from a higher level' with a table listing administrators and their roles:

Name	Contact access	Room access	
Administrators	Top admin	Super-User	Go to source
MUC-Fronter-admin	Administrator	Room Supervisor	Go to source
U - CF-administrators	Administrator	Room Supervisor	Go to source

The URL in the browser address bar is <https://fronter.com/classfronter/structure/structureprops.phtml?treeid=1158338904&personalid=6org>. A red arrow points from the 'Students: BBA 2005-2008' entry in the sidebar to the 'treeid' parameter in the URL.

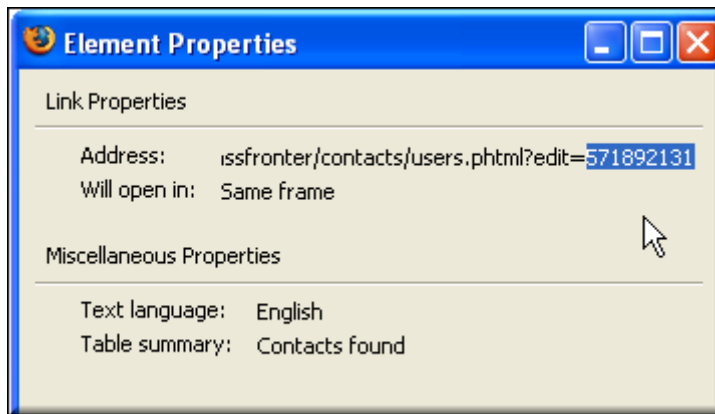
## Single user:

The screenshot shows the 'Search Contacts' page. The search criteria are 'emily evav' and 'In org.unit (group): All'. The search results show one contact:

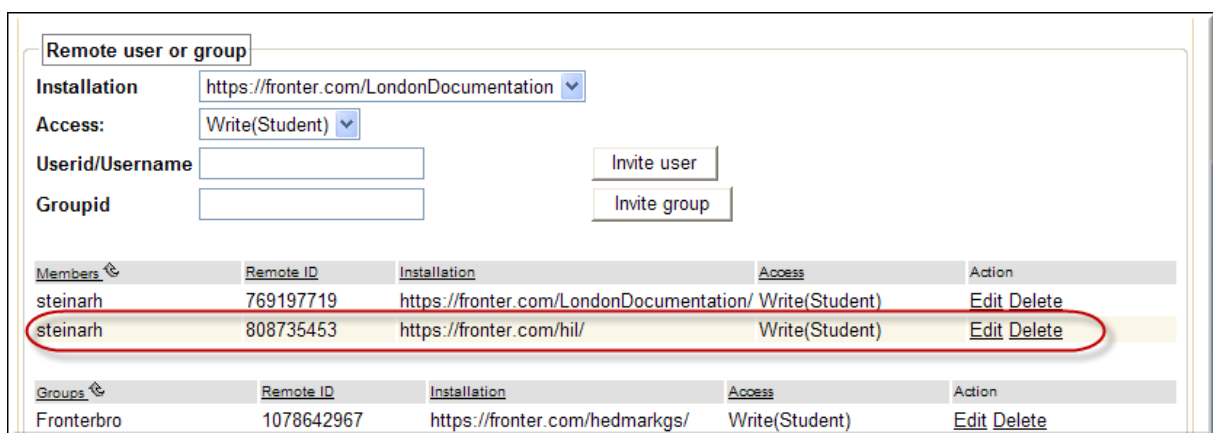
Surname	First Name	E-mail	Tel.	Cell.	Company	Username
Evavold	Emily	Emily.Evavold@muc.ac.uk		71 96 55 14	MUC/Employee	mucteacher016

Below the table, there are buttons for 'Delete', 'Edit contacts', 'Send e-mail to selected', 'Send sticky', and 'Export'. The URL in the browser address bar is <https://fronter.com/classfronter/contacts/users.phtml?edit=571892131>. A red arrow points from the 'Evavold, Emily' entry in the search results to the 'edit' parameter in the URL.

Instead of taking note of this number you can *right* click and then select *Properties*:



Select the number (double click) and copy it. Then paste it as done in this example:

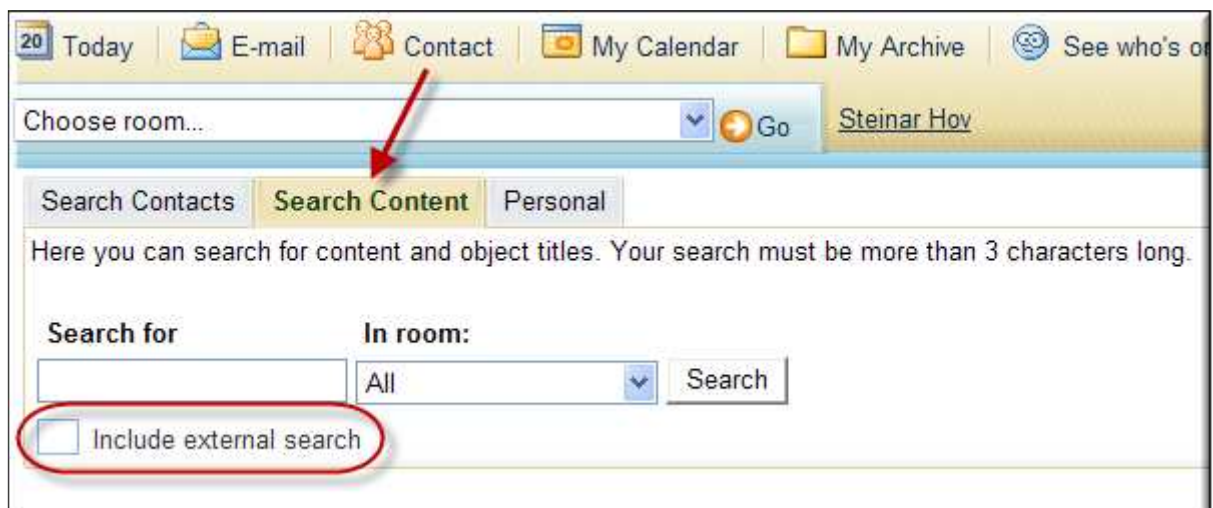


**Hint:** For single users you can also select the *username* instead of the number.

## 2: Allow FronterBridge users to remotely access files

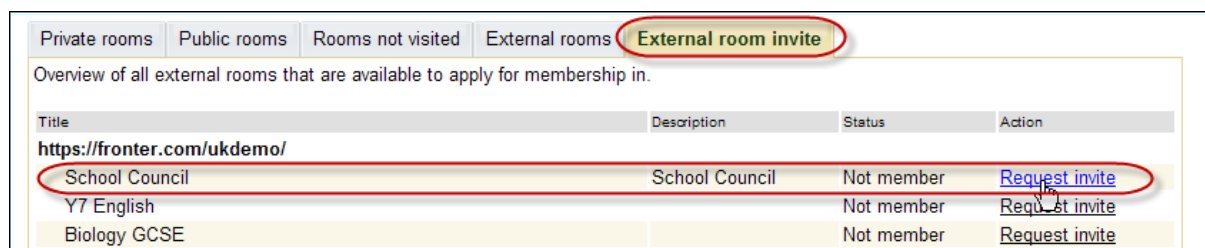
This option gives external users access to files in the external room using the search function in their own building. Before this option can be accessed the Solr search function must be activated (contact Fronter Support).

The search option will be available from search for content:



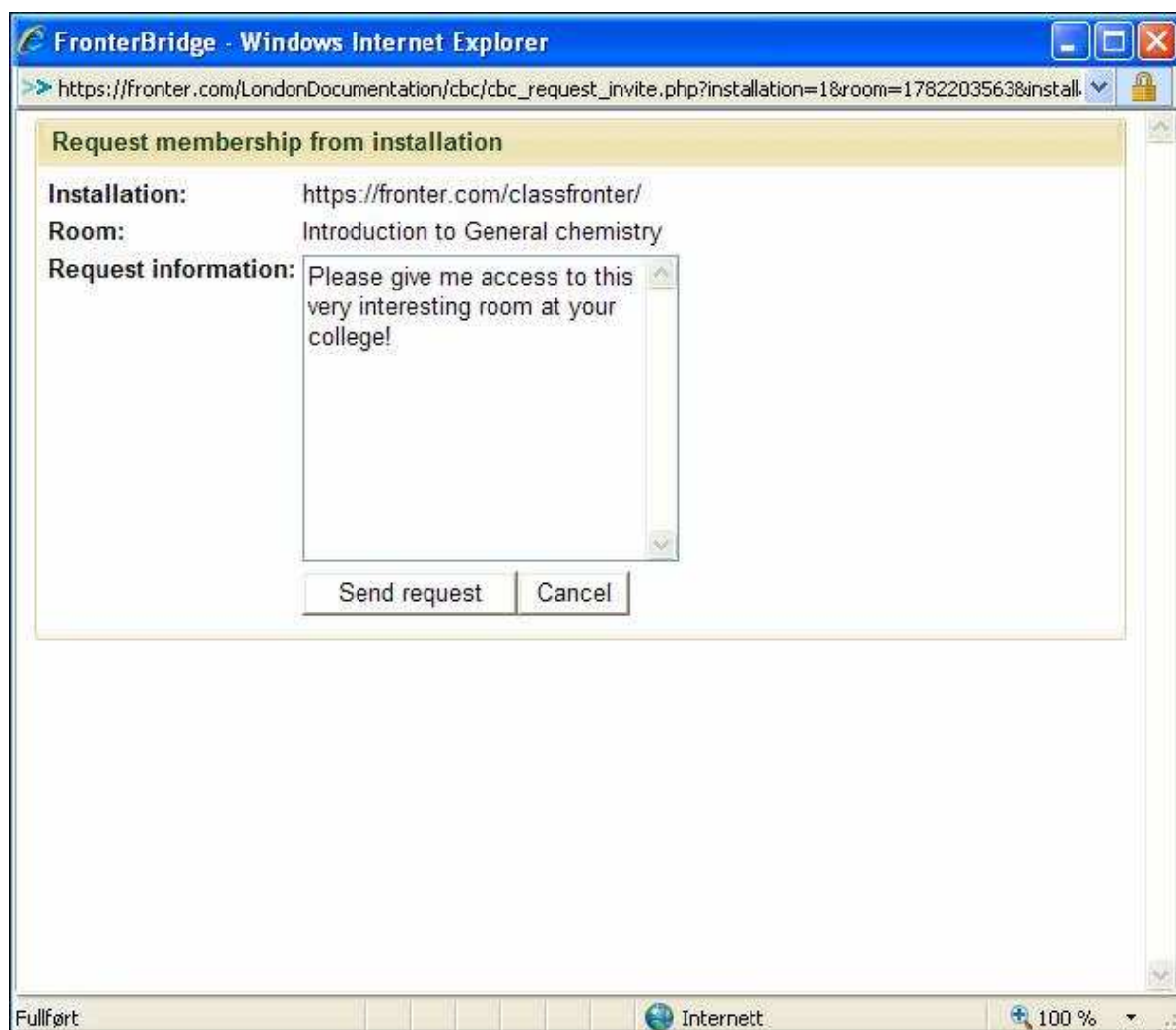
### 3: Enable individual application for membership

If this option is selected the room will show up in the tab *External room invite*:



Title	Description	Status	Action
<a href="https://fronter.com/ukdemo/">https://fronter.com/ukdemo/</a>			
School Council	School Council	Not member	<a href="#">Request invite</a>
Y7 English		Not member	<a href="#">Request invite</a>
Biology GCSE		Not member	<a href="#">Request invite</a>

If you select *Request invite* a small dialog box appears for you to send your request:

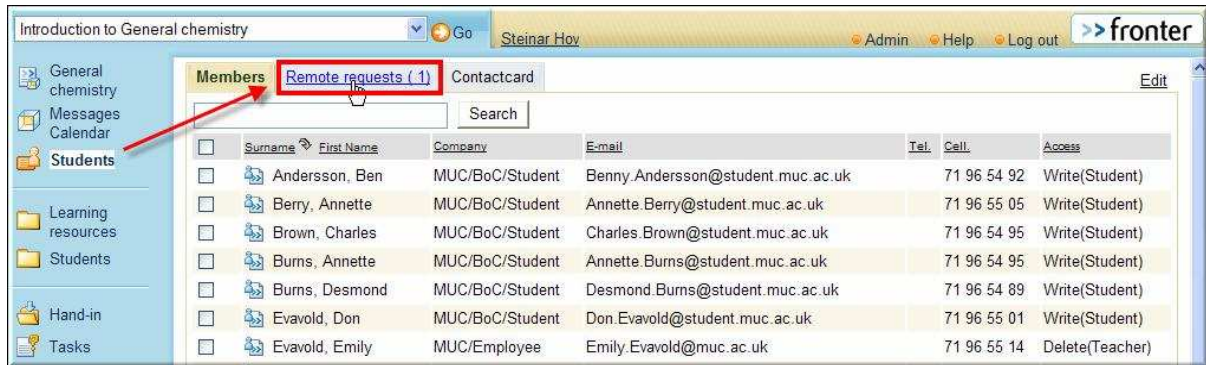


Request membership from installation

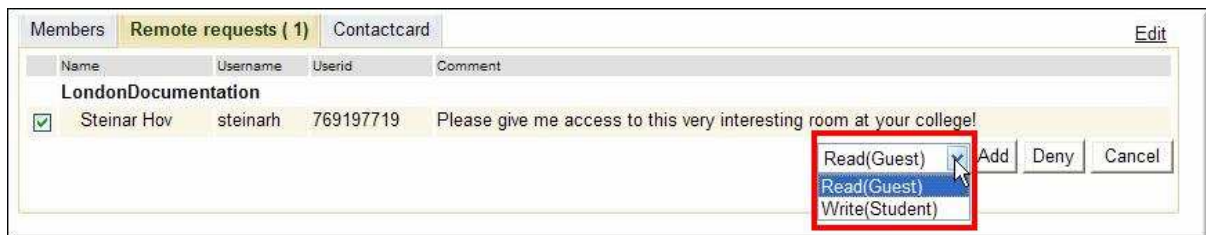
**Installation:** https://fronter.com/classfronter/  
**Room:** Introduction to General chemistry  
**Request information:** Please give me access to this very interesting room at your college!

Send request Cancel

In the room made available for external access, these requests are displayed as a separate tab under the *Members (Students)* tool:



At this point you can agree to grant access (by assigning the relevant rights in the room) or refuse the request.



Rooms which a user has been given access to will now be displayed under a separate tab in the room selector - *External rooms*:



You can also make these rooms your favourite rooms, which means that they will be gathered under a single option in the room selector.




When you then select an external room, it will be displayed with additional information in the same way as when you select *Activate studentview*:

Display all rooms  Steinar Hov Admin Help Log out >> fronter

**External room**

You are here: [Introduction to General chemistry](#) > [Learning resources](#) > [Resources](#) > [Frontpage-General chemistry files](#) Search Folders Add to favourites



In **Year 1** all students share a common set of core lectures across the major areas of Chemistry: *Organic, Inorganic, Physical, Theoretical and Biological*. This programme is supplemented by practical work and a series of "skills courses", which cover related topics in Mathematics, Physics and Biology. Skills courses are provided early in Year 1 as a foundation for students who have not taken one or more of those subjects beyond GCSE (or equivalent).

Approximately two thirds of **Year 2** is made up of core chemistry lectures and practical work, with the remainder consisting of option modules chosen by you at the end of Year 1. The option modules allow you to develop your specific interests along a pathway of your choosing.

In **Year 3** the BSc and MChem courses diverge. All students still take the same series of core lectures and option modules (which are chosen at the end of Year 2). Students on the BSc programme carry out a research project, whereas MChem students take an "Advanced practical" course designed to further the skills needed in a research environment.

Remote users are displayed in the members list in grey. This means that they cannot actually log in to this building, but only have access to selected rooms:

Introduction to General chemistry  Steinar Hov Admin Help Log out >> fronter

**Members** Contactcard

Search

<input type="checkbox"/>	Surname	First Name	Company	E-mail	Tel.	Cell.	Access
<input type="checkbox"/>	Andersson, Ben		MUC/BoC/Student	Benny.Andersson@student.muc.ac.uk		71 96 54 92	Write(Student)
<input type="checkbox"/>	Berry, Annette		MUC/BoC/Student	Annette.Berry@student.muc.ac.uk		71 96 55 05	Write(Student)
<input type="checkbox"/>	Brown, Charles		MUC/BoC/Student	Charles.Brown@student.muc.ac.uk		71 96 54 95	Write(Student)
<input type="checkbox"/>	Burns, Annette		MUC/BoC/Student	Annette.Burns@student.muc.ac.uk		71 96 54 95	Write(Student)
<input type="checkbox"/>	Burns, Desmond		MUC/BoC/Student	Desmond.Burns@student.muc.ac.uk		71 96 54 89	Write(Student)
<input type="checkbox"/>	Evavold, Don		MUC/BoC/Student	Don.Evavold@student.muc.ac.uk		71 96 55 01	Write(Student)
<input type="checkbox"/>	Evavold, Emily		MUC/Employee	Emily.Evavold@muc.ac.uk		71 96 55 14	Delete(Teacher)
<input type="checkbox"/>	Green, Emily		MUC/BoC/Student	Emily.Green@student.muc.ac.uk		71 96 54 96	Write(Student)
<input type="checkbox"/>	Greenfields, Fay		MUC/BoC/Student	Fanny.Greenfields@student.muc.ac.uk		71 96 54 97	Write(Student)
<input type="checkbox"/>	Greenfields, Tad		MUC/BoC/Student	Tad.Greenfields@student.muc.ac.uk		71 96 55 06	Write(Student)
<input type="checkbox"/>	Hov, Steinar			steinar.hov@fronter.com		+4797604725	Read(Guest)
<input type="checkbox"/>	Leyland, Flora		MUC/BoC/Student	Flora.Leyland@student.muc.ac.uk		71 96 55 02	Write(Student)
<input type="checkbox"/>	Macallen, Don		MUC/BoC/Student	Don.Macallen@student.muc.ac.uk		71 96 54 92	Write(Student)
<input type="checkbox"/>	Mayes, Jancis		MUC/BoC/Student	Jancis.Mayes@student.muc.ac.uk		71 96 55 01	Write(Student)

Note: The external users will only show up in the members list when they have accessed the room for the first time. The names will show up in grey colour.

### Give the room a description.

This is particularly important when you are going to allow the room to be seen by other Fronter users via the FronterBridge functionality. When browsing available Fronter Bridge rooms the description will then give you useful information about the room and what you can expect to find there. We would advise that you also add in the name of your school. Use the Fronter Editor if you want to make the description little more catchy (this is often the first text/picture the participants see when they enter a

room). The description field in the room can be switched off via Customise room today option in the dropdown menu at the frontpage. Tick off View room description.

## Version control

Version	Date	Description	Responsible
81.1	18.01.08	Theme: FronterBridge	Steinar Hov
82.1	20.08.08	Details added	Steinar Hov
82.2	31.08.08	Room description added	Steinar Hov

## QA Revision

Date	Verified by	Comments
18.01.08	Georg Ranhoff	Checked and corrected
20.08.08	Ingun Vaglid	Approved
31.08.08	Ingun Vaglid	Approved