

BigBlueButton



Нийл Стивънсън

В своя научно-фантастичен роман "Диамантената ера" от 1995 г. Нийл Стивънсън описва магическо учебно устройство, предназначено да помогне на децата да се научат да мислят сами. Устройството е оприличено на старомодна книга, но можеше да разказва интерактивни истории, които да се адаптират към нуждите на обучаемия.



Източник: https://news.uns.purdue.edu/images/2014/pt-DYK_MPATI2.jpg

The History of Learning



Pencil



Blackboard



VHS



iPad/iPhone



Laptop/Internet



CD-ROM

Источник: <https://unimersiv.com/img/blog/history-of-learning.jpg>

Тенденции в електронното обучение

- Образователните институции по целия свят се насочват към онлайн обучение
 - Системи за управление на обучението (LMS)
 - **Системи за уеб конференции (или виртуални класни стаи)**



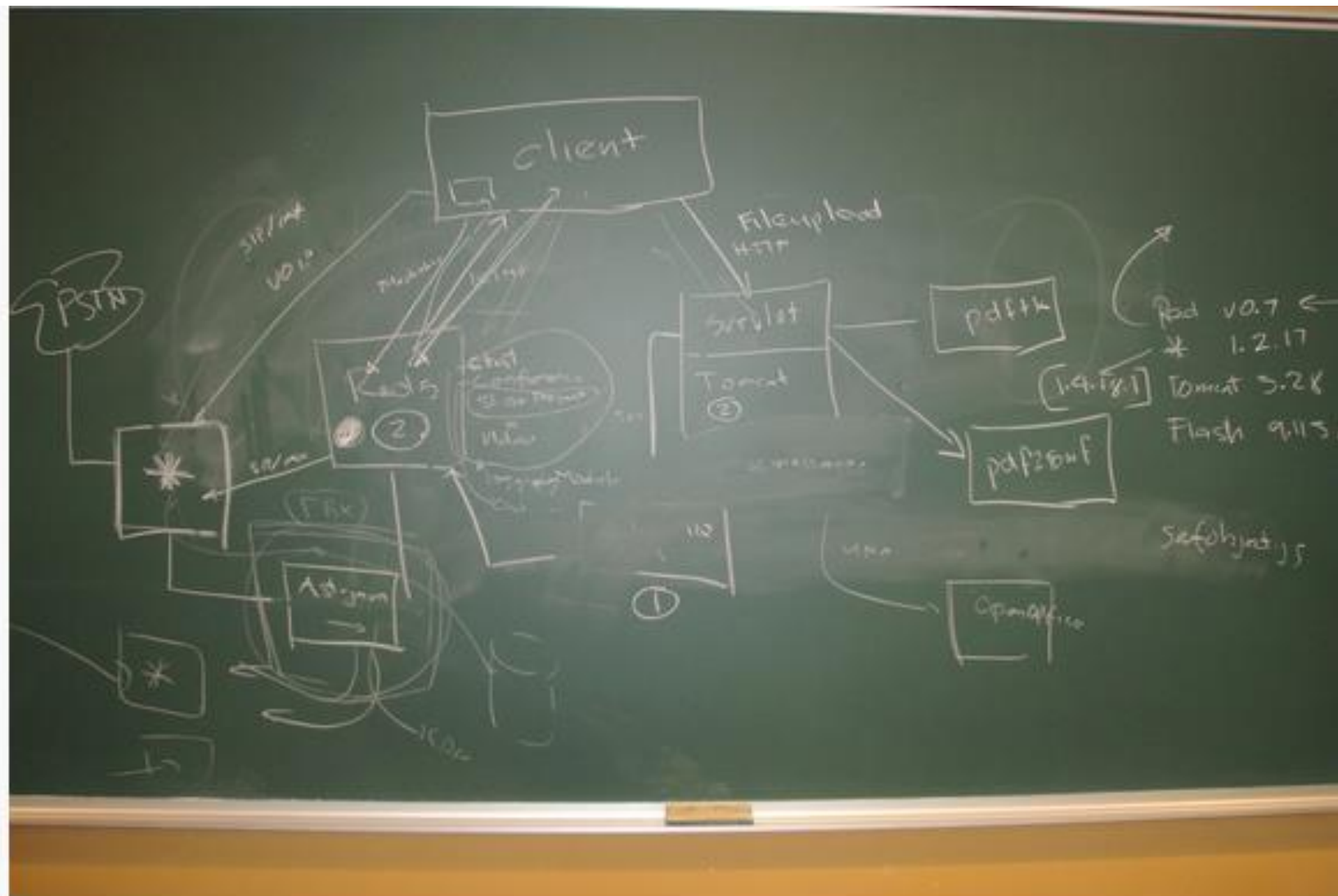
«Всеки **студент** с веб браузър трябва да има достъп до **висококачествено онлайн обучение**»

«Ние възнамеряваме да направим това възможно с **BigBlueButton**»

«BigBlueButton е с **отворен код**»

«Стартирането на веб конферентна връзка не трябва да е по-трудно от натискането на един метафорично казано **„голям син бутон“**»

Създаден през 2007 г. в университета Карлтън от Ричард Алам





Чат



Потребители

Atanas Georgiev

Аудио

Презентация: default.pdf

Welcome to BigBlueButton

BigBlueButton is an open source web conferencing system for on-line learning.

Click the images on the right to view tutorial videos for instructors and students.

If you need help with your audio, watch [setting up audio](#).

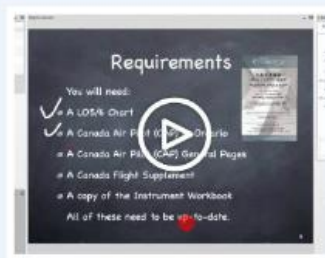
To view more tutorial videos, along with information on the open source project, visit bigbluebutton.org.



Споделяне на работния плот



Moderator / Presenter

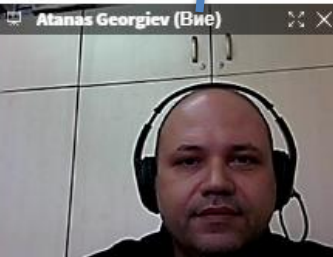


Viewer

Видео



Закачи видео



Презентация

Вички Настройки

09:07

Welcome to **Participate in Discussion about Energy Efficiency!**

To understand how BigBlueButton works see our [tutorial videos](#).

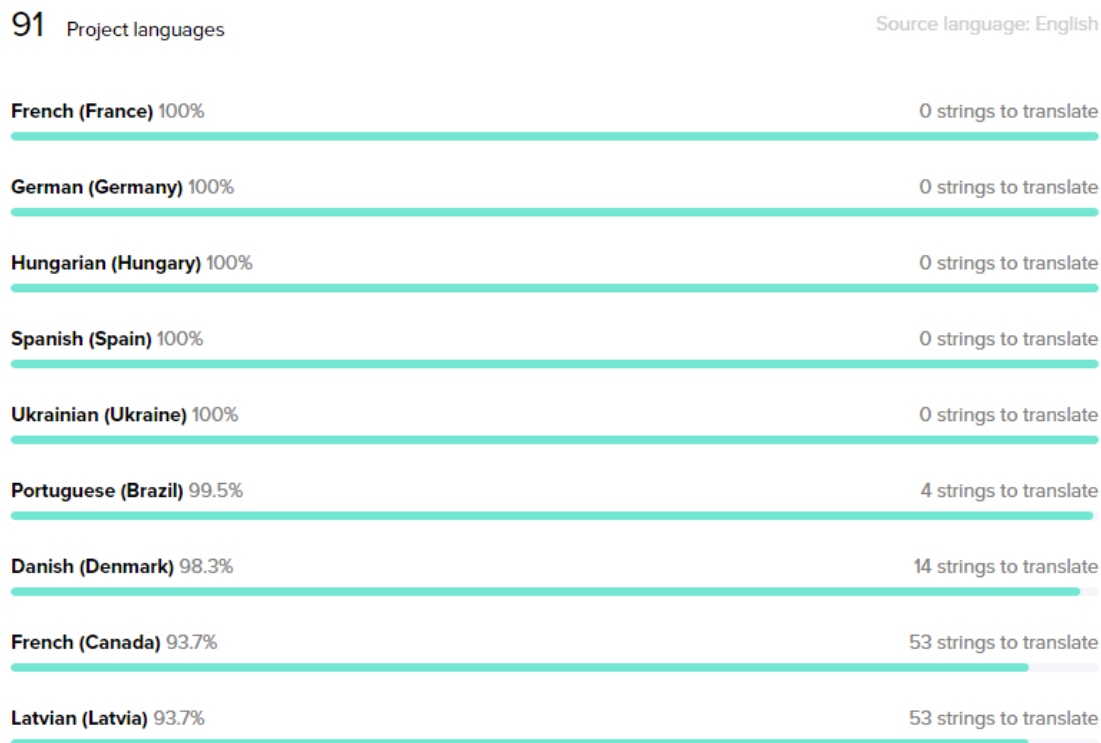
To join the audio bridge click the headset icon (upper-left hand corner). **Please use a headset to avoid causing noise for others.**

For help using BigBlueButton watch these (short) [tutorial videos](#).



Локализация (Transifex)

- 91 езика
- **Български (54.5%)**





<https://www.transifex.com/projects/p/bigbluebutton/>

Интеграция с Moodle



Activities: BigBlueButtonBN

mod_bigbluebuttonbn

Maintained by  Fred Dixon,  Jesus Federico

Release **2.2-beta**

Moodle 3.0, 3.1, 3.2, 3.3, 3.4

Install now

Download

code prechecks **503** | **298**

Integrate BigBlueButton within Moodle - including record and playback of sessions.

📍 5012 sites 📄 6k downloads ❤️ 82 fans

Description

Versions

Reviews

Stats

BigBlueButton is an open source web conferencing system for distance education. The goal of the project is to enable universities, colleges, and K12 to deliver a high-quality learning experience to remote students.

BigBlueButton supports real-time sharing of slides (including whiteboard), audio, video, chat, and desktops. It also record all content for later playback.

The BigBlueButton project was started in 2008 by Blindside Networks. In addition our work on BigBlueButton core, we created this Moodle 2.x activity module so you can fully leverage BigBlueButton's capabilities from within your courses.

This module enables you to:

- Create multiple activity links to on-line sessions within a course
- Restrict students from joining a session until a teacher (moderator) joins the session
- Launch BigBlueButton in a separate window
- Create a custom welcome message that appears at the top of the chat window when joining the session
- Specify join open/close dates for the session that appears in the Moodle's calendar
- **Record a session** (requires BigBlueButton 0.8 or later)
- Access and manage recordings (requires installation of [recordingsbn](#))

The following YouTube video to demonstrate how to use this plugin (you can skip the first part on installation if your installing

Search plugins

Your Moodle version

Moodle 3.3 ▼

NAVIGATION



Home

▶ Site pages

▶ Communities

▼ Plugins

✔ Plugin reviews

▶ Statistics

▶ Reports

▼ Plugin types

▼ Activities

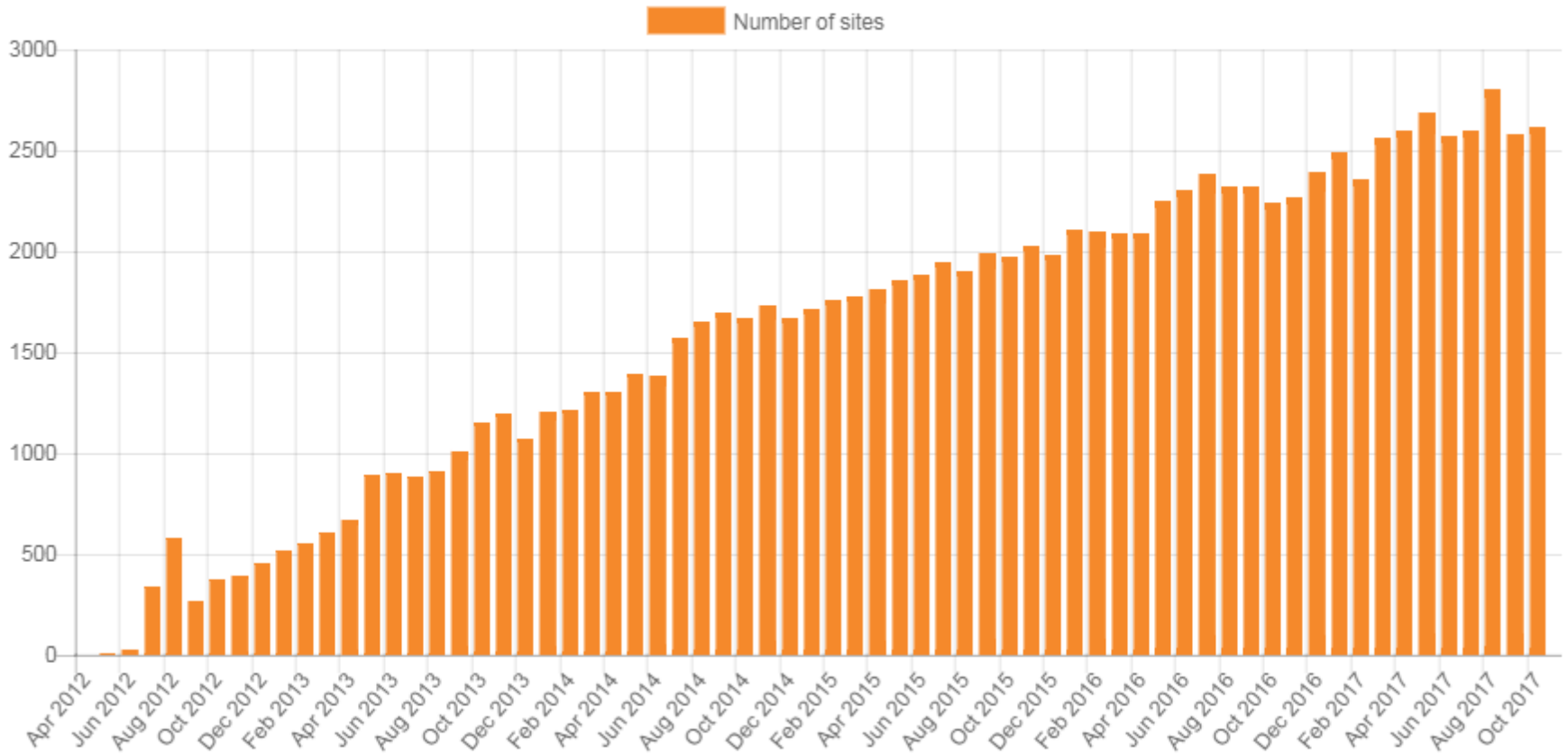
▶ Assignment

▶ Database

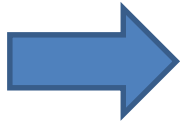
▶ Workshop

▶ Quiz

















Number of sites using the plugin: 2613



Add an activity or resource



ACTIVITIES

-   Assignment
-  BigBlueButtonBN
-  Chat
-  Choice
-  Database
-  External tool
-  Feedback
-  Forum
-  Glossary
-  Lesson
-  Quiz
-  SCORM package
-  Survey
-  Wiki
-  Workshop

RESOURCES


Select an activity or resource to view its help. Double-click on an activity or resource name to quickly add it.

Add

Cancel

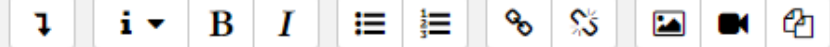
▼ General settings

Virtual classroom name

 Participate in Discussion about Energy E:

Description










Share your experience

Welcome message

Display description on course page  

Wait for moderator  

Send notification 

▼ Participants

Add participant

All users enrolled

Add

Participant list

All users enrolled

as Viewer



User:

Georgi Georgiev

as Moderator



Add participant

Role

Мениджър

Add

Participant list

All users enrolled

User:

Ge

as

moderator



Add participant

User

Georgi Georgiev

Add

Participant list

Georgi Georgiev

Alexandra Georgieva

Neli Georgieva



EE

Participants

Badges

Competencies

Grades

General

Energy Efficiency

Home

Dashboard

Calendar

Private files

Site administration

Introduction to Energy Efficiency



Home / Courses / EE

Your progress

Announcements

Social forum

Energy Efficiency

Self-assessment quiz

Learn about Energy Efficiency

The objectives are to introduce energy efficiency and energy savings, clarifying the main concepts behind the terms.

Read about energy labelling regulations

The Energy Label Generator

Participate in Discussion about Energy Efficiency

Create a tailor-made energy label for one appliance

NAVIGATION

▾ Home

Dashboard

> Site pages

▾ Courses

▾ EE

> Participants

Badges

Competencies

Grades

> General

> Energy Efficiency

ADMINISTRATION

▾ Course administration

Edit settings

Turn editing on

Course completion



EE

Participants

Badges

Competencies

Grades

📁 General

📁 **Energy Efficiency**

Home

Dashboard

Calendar

Private files

Site administration

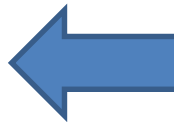
Introduction to Energy Efficiency

[Home](#) / [Courses](#) / [EE](#) / [Energy Efficiency](#) / [Participate in Discussion about Energy Efficiency](#)

Participate in Discussion about Energy Efficiency

This conference room is ready. You can join the session now.

Join session





Users - □

- Atanas Georgiev
- Atanas Georgiev

Presentation: default.pdf - □

Welcome to BigBlueButton

Instrument Flying

Viewer

Chat - □

Public Options

09:40

Welcome to Participate in Discussion about Energy Efficiency!

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To join the audio bridge click the headset icon (upper-left hand corner). **Please use a headset to avoid causing noise for others.**

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[Send]

How do you want to join the audio? ✕

Microphone

Listen Only

Webcams - □



- EE
- Participants
- Badges
- Competencies
- Grades
- 📁 General
- 📁 **Energy Efficiency**
- Home
- Dashboard
- Calendar
- Private files
- Site administration

Introduction to Energy Efficiency

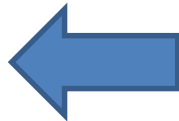
[Home](#) / [Courses](#) / [EE](#) / [Energy Efficiency](#) / [Participate in Discussion about Energy Efficiency](#)

Participate in Discussion about Energy Efficiency

This conference is in progress.
This session started at **9:07**. There are **2** moderators and **0** viewers.

Join session

End session



ВЪЗМОЖНОСТИ

- **Бяла дъска**
 - интерактивно представяне на презентация PDF файлове, презентации или офис документи MS
 - множество инструменти – маркер, писалка, гума, стандартни инструменти за чертане на диаграми и геометрични фигури.
- **Уебкамера**
 - Множество потребители могат да ползват своята уеб камера в реално време.

ВЪЗМОЖНОСТИ

- **Споделяне на екран**
 - Споделянето на екрана улеснява преподавателя и студентите в тяхната работа, както и по-лесното усвояване на различни техники и примери
- **Емотикони**
 - Потребителите могат да вдигат ръка и да използват емотикони за обратна връзка.
- **Чат**
 - Имате възможността да общувате помежду си с един, двама или повече събеседници.

Основни роли

- **Наблюдател** – следи уеб конференцията, като има право да обсъждат подробности с другите участници посредством чат система
- **Презентиращ** - имат същите възможности като наблюдаващия плюс функции за добавяне на файлове и споделяне на работния плот
- **Модератор** - могат да включват и изключват участници в уеб конференцията

Минимални изисквания за клиент

- 1 Mbits и скорост на качване от 0,5 Mbits
- Препоръчително двуядрен процесор с поне 2G памет
- За браузъра препоръчително да се работи с FireFox или Chrome. Двата браузъра осигуряват отлична поддръжка за уеб комуникации в реално време (WebRTC)

<http://docs.bigbluebutton.org>

The image shows a screenshot of a web browser displaying the BigBlueButton documentation website. The browser's address bar shows the URL docs.bigbluebutton.org. The website header includes the BigBlueButton logo and the text "BigBlueButton Open Source Web Conferencing".

The left sidebar contains a navigation menu with the following categories and links:

- Home
- OVERVIEW
 - 1.1
 - Architecture
- INSTALL
 - Install
 - GreenLight
 - bbb-conf
 - LTI
 - Configuration Files
 - Client Configuration
- DEVELOP
 - Setup Development Environment
 - Accessibility
 - WebHooks
 - Branding
 - Localization
 - API
 - Recording
- SUPPORT
 - Road Map
 - FAQ
 - Release Notes

The main content area features the BigBlueButton logo and the following text:

BigBlueButton is an open source web conferencing system for online learning.

We believe every student with a web browser should have access to a high-quality online learning experience.

We've written this documentation for administrators and developers who want to setup and customize their own BigBlueButton server. If you are an end-user (instructor or teacher) interested in learning more about BigBlueButton (and how it works) visit bigbluebutton.org.

The source code for BigBlueButton is hosted on [GitHub](https://github.com).

Below the text is a screenshot of a BigBlueButton "Demo Meeting" interface. The interface includes a "Users" panel on the left showing participants "Fred (you)" and "Susan". The main area displays a presentation slide titled "Presentation: default.pdf" with a hand-drawn diagram of a right-angled triangle. The triangle has a horizontal base labeled x , a vertical side labeled y , and a hypotenuse labeled z . A purple arrow points to the hypotenuse. A right-angle symbol is shown at the bottom-right corner. Below the diagram, the text "(If the slide isn't blank for use as a whiteboard)" is visible. On the right side of the meeting interface is a "Chat" panel with a "Public" tab, showing a welcome message and a timestamp of 17:19.

Благодаря за вниманието!