



Bugtrackery

Czyli systemy zarządzania błędami



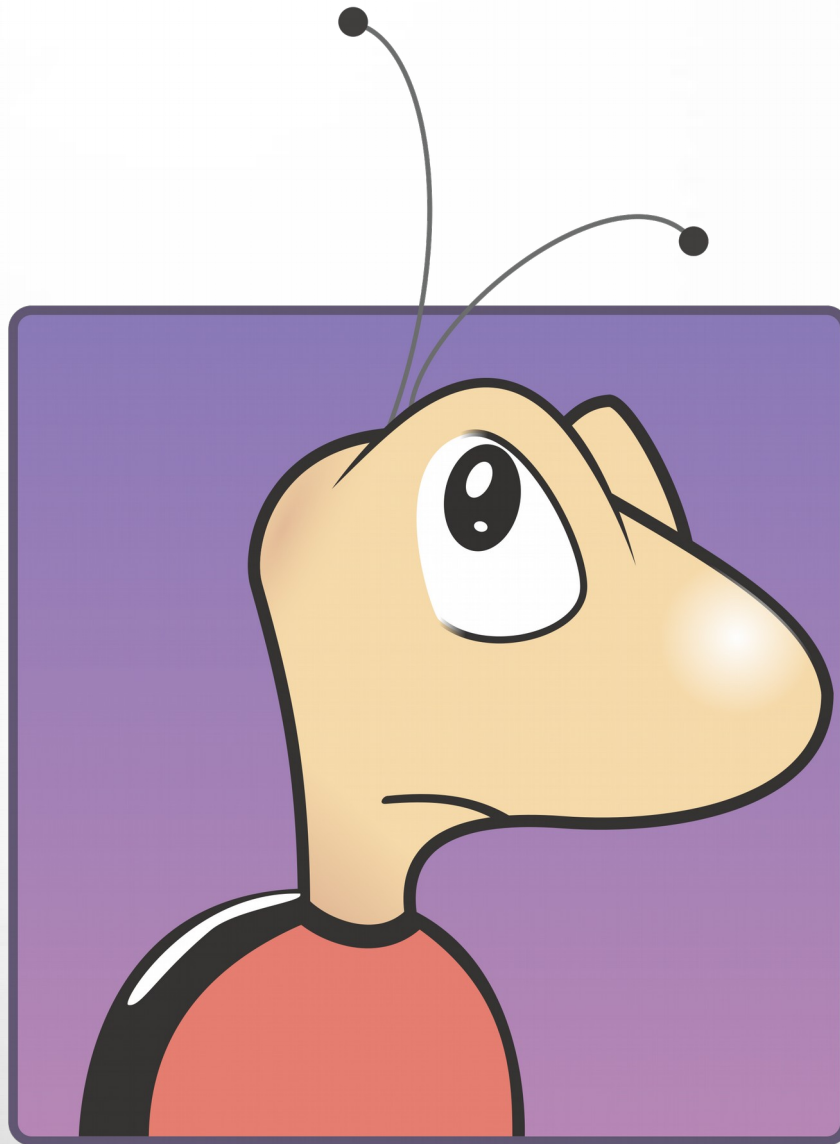
Spis Treści:

- Czym jest bugtracker i jakie są jego podstawowe funkcje ?
- Bugzilla
 - Co potrafi to oprogramowanie?
 - Zalety używania
 - Interface
 - Dodatkowe oprogramowanie
 - Instalacja
 - Praktyczny przykład

Czym jest bugtracker ?

- zebranie w jednym miejscu informacji o wszelkich błędach i problemach z oprogramowaniem,
- umożliwienie zarządzania procesem ich rozwiązywania,
- przechowywanie informacji historycznych o przebiegu procesu naprawczego,
- zarządzanie podziałem pracy i odpowiedzialności w zespole projektowym.

Przykłady oprogramowania: BugTracker.NET, Bugzilla, Trac, Fossil, CodePlex, GitHub, SourceForge, Google Code



Bugzilla
TRACKING SYSTEM

Bugzilla

Bugzilla to oprogramowanie stworzone i używane przez Fundację Mozilla, umożliwiające szybkie tworzenie serwisu internetowego do raportowania błędów w dowolnym oprogramowaniu.

Jako Wolne i Otwarte oprogramowanie Bugzilla może być i jest używana w wielu projektach, zarówno otwartych jak i komercyjnych.



www.bugzilla.org

www.mozilla.org/MPL/

Kto z tego korzysta: Wireshark, Novell, Linux, Open Office, Eclipse, Netbeans, gcc, IntelICad, openSSH, Wikimedia

Bugzilla

What Does Bugzilla Do?

- Śledzenie błędów i zmian w kodzie
- Zapewnia komunikację
- Zapewnia kontrole jakości tworzonego oprogramowania
- Śledzi postęp prac nad projektem



„Bugzilla is a powerful tool that will help your team get organized and communicate effectively.”

Bugzilla

Dlaczego ona ?

- Rozwijana – aktualna wersja 4.4.9 z kwietnia
- Szybkość działania
- Testowana
- Tworzona przez dedykowany dla niej zespół
- Posiada niezliczone możliwości - których brak nawet w płatnych odpowiednikach
- Posiada zaufanie wielu firm z całego świata
- Miedzysystemowa
- Dostęp do pomocy
- Prosta w instalacji i konfiguracji

Welcome to Bugzilla



[Get Help](#)



[File a Bug](#)



[Search](#)



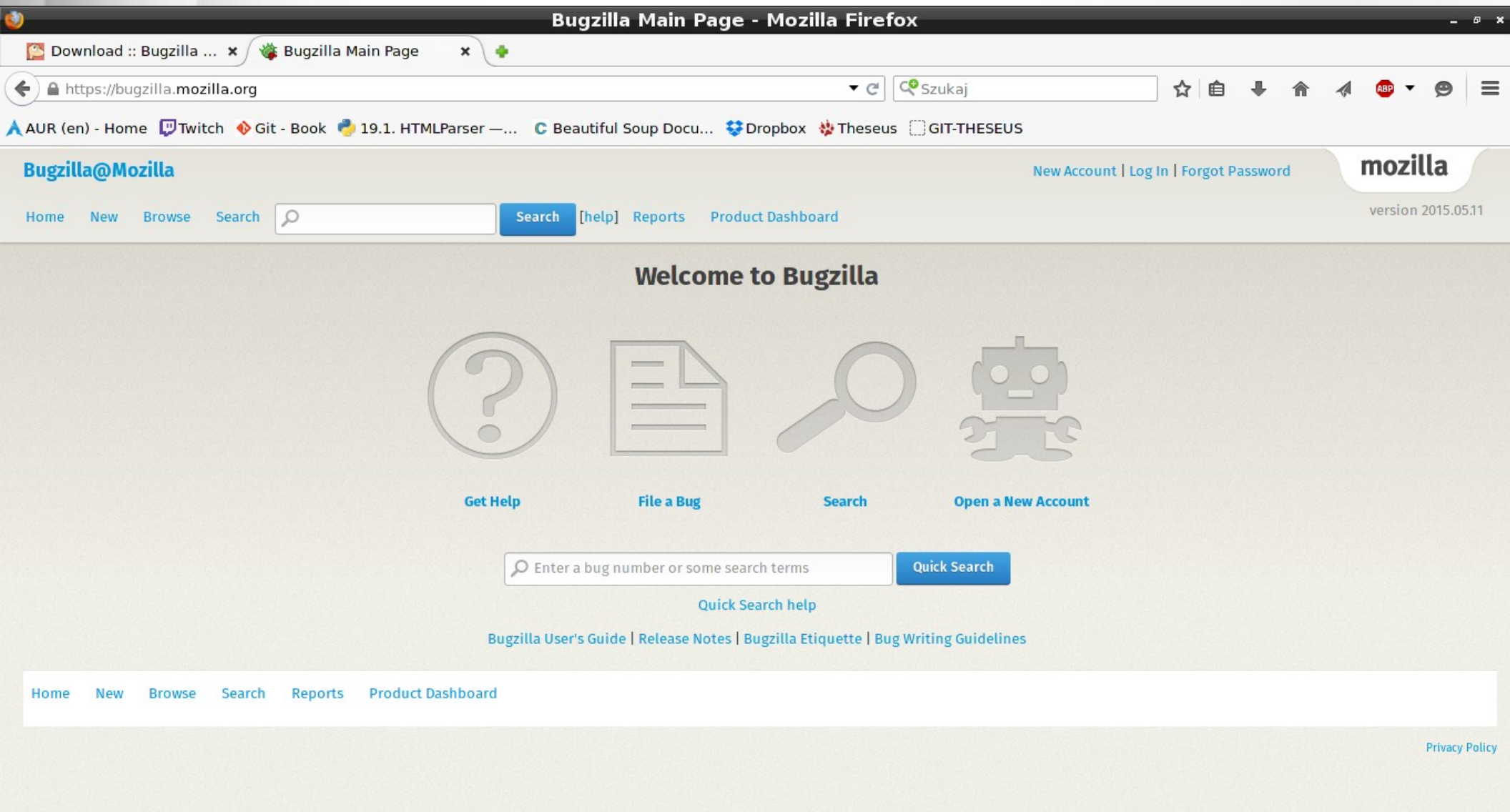
[Open a New
Account](#)

[Quick Search help](#) | [Install the Quick Search plugin](#)

[Bugzilla User's Guide](#) | [Release Notes](#) | [Bugzilla Etiquette](#) | [Bug Writing Guidelines](#)

Podstawowy ekran startowy

landfill.bugzilla.org



Podstawowy ekran startowy - Mozilla

Create a new Bugzilla account - Mozilla Firefox

Download :: Bugzilla ... x Create a new Bugzill... x

https://bugzilla.mozilla.org/createaccount.cgi Szukaj

AUR (en) - Home Twitch Git - Book 19.1. HTMLParser —... Beautiful Soup Docu... Dropbox Theseus GIT-THESEUS

 **Firefox for Mobile Support**
Support for the Firefox Mobile web browser.

 **Thunderbird Support**
Support for Thunderbird email client.

 **Support for other products**
Support for products not listed here.

 **Feedback**
Report issues with a web site that you use, or provide quick feedback for Firefox.

2. Bugzilla is a public place. Your comments and other activities on bugs will generally be publicly visible, and your email address will be accessible through public APIs and will be visible to all logged-in users of Bugzilla. Some people use an [alternative email address](#) for this reason. See Mozilla's [Websites, Communications & Cookies Privacy Notice](#) for more information on our privacy policies.

3. Please give us an email address you want to use. Once we confirm that it works, you'll be asked to set a password and then you can start filing bugs and helping fix them.

Create an account

Email Address: [Create Account](#)

Or, use your Persona account:  [Sign in](#)

If you think there's something wrong with Bugzilla, you can [send an email to the admins](#), but remember, they can't file bugs for you, or solve tech support problems.

[Home](#) [New](#) [Browse](#) [Search](#) [Reports](#) [Product Dashboard](#)

[Privacy Policy](#)

Rejestracja

Create a new user account for 'papajow@gmail.com' - Mozilla Firefox

Download :: Bugzilla ... x Request for new user... x 40+ Bugzilla: confirm acc... x Create a new user ac... x

https://bugzilla.mozilla.org/token.cgi?t=gdf1SwrWld&a=request_new_account Szukaj

AUR (en) - Home Twitch Git - Book 19.1. HTMLParser —... Beautiful Soup Docu... Dropbox Theseus GIT-THESEUS

Bugzilla@Mozilla New Account | Log In | Forgot Password mozilla

Home New Browse Search [help] Reports Product Dashboard

To create your account, you must enter a password in the form below. Your email address and Real Name (if provided) will be shown with changes you make.

Email Address: papajow@gmail.com

(OPTIONAL) Real Name:

Type your password: (minimum 8 characters)

Confirm your password:

Create

This account will not be created if this form is not completed by May 28, 2015 at 02:46 PDT.

If you do not wish to create an account with this email click the cancel account button below and your details will be forgotten.

Cancel Account

Home New Browse Search Reports Product Dashboard

Privacy Policy

Rejestracja cd.

Bug 169837 - scroll bookmarks but not other menu items in bookmarks menu - Mozilla

Echier Edition Affichage Aller à Marque-pages Outils Fenêtre Aide

Précédent Suivant Actualiser Arrêter https://bugzilla.mozilla.org/show_bug.cgi?id=169837 Rechercher Imprimer

Accueil Marque-pages Le site Mozilla Mozilla en français

 **mozilla.org**

[Bugzilla](#) Version 2.19.1+ Last modified: 2005-05-29 11:57 PDT

Bugzilla Bug 169837 scroll bookmarks but not other menu items in bookmarks menu

[Search page](#) [Enter new bug](#)

Bug#: [169837](#) alias:

Product:

Component:

Status: [NEW](#)

Resolution:

Assigned To: [Vladimir Vukicevic \(Bookmarks Bugs Only\)](#) <vladimir+bm@vlad1.com>

QA Contact:

URL:

Summary:

Status Whiteboard:

Keywords:

Hardware:

OS:

Version:

Priority:

Severity:

Target Milestone:

Reporter: [Asa Dotzler](#) <asa@mozilla.org>

Add CC:

CC:

☐ Remove selected CCs

Flags: [\(Help!\)](#)

blocking1.8b4

blocking1.9a1

asa: blocking-aviary1.0

blocking-aviary1.0.6

mconnor: blocking-aviary1.1

blocking-aviary2.0

Attachment	Type	Created	Size	Flags	Actions
patch	patch	2004-07-25 08:55 PDT	5.74 KB	none	Edit Diff
Create a New Attachment (proposed patch, testcase, etc.)					View All

Bug 169837 depends on: [Show dependency tree](#)

Bug 169837 blocks: [Show dependency graph](#)

Votes: 8 [Show votes for this bug](#) [Vote for this bug](#)

Additional Comments:

Zgłaszanie błędu – stara wersja

Enter A Bug - Mozilla Firefox

Download :: Bugzilla ... x Request for new user... x 40+ Bugzilla: confirm acc... x Enter A Bug x

https://bugzilla.mozilla.org/enter_bug.cgi#h=bugForm|Firefox Szukaj

AUR (en) - Home Twitch Git - Book 19.1. HTMLParser —... Beautiful Soup Docu... Dropbox Theseus GIT-THESEUS

Summary:

Product: Firefox [\(Change\)](#) **Version:** 38 Branch

What did you do? (steps to reproduce)

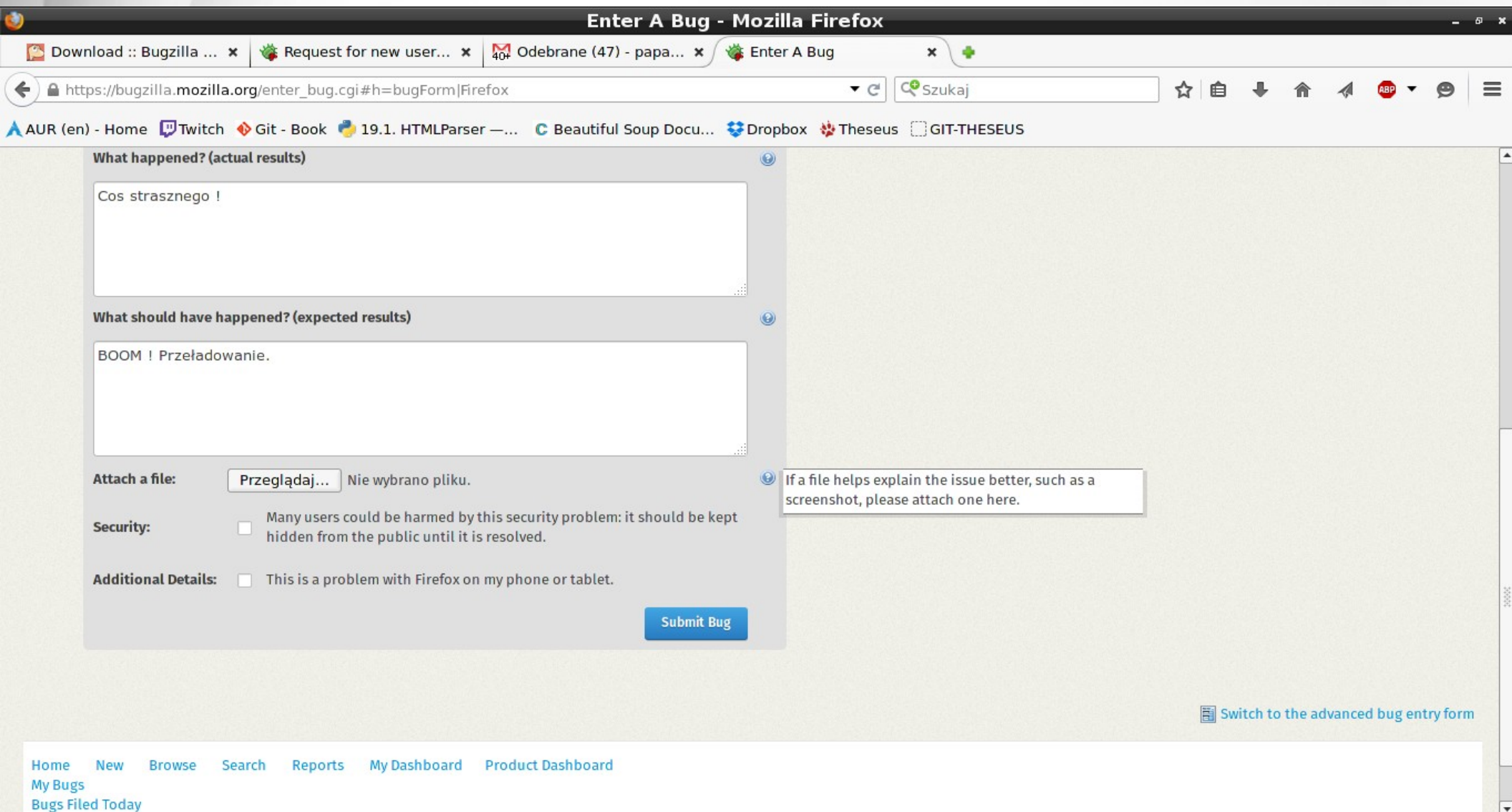
What happened? (actual results)

What should have happened? (expected results)

Attach a file: Nie wybrano pliku.

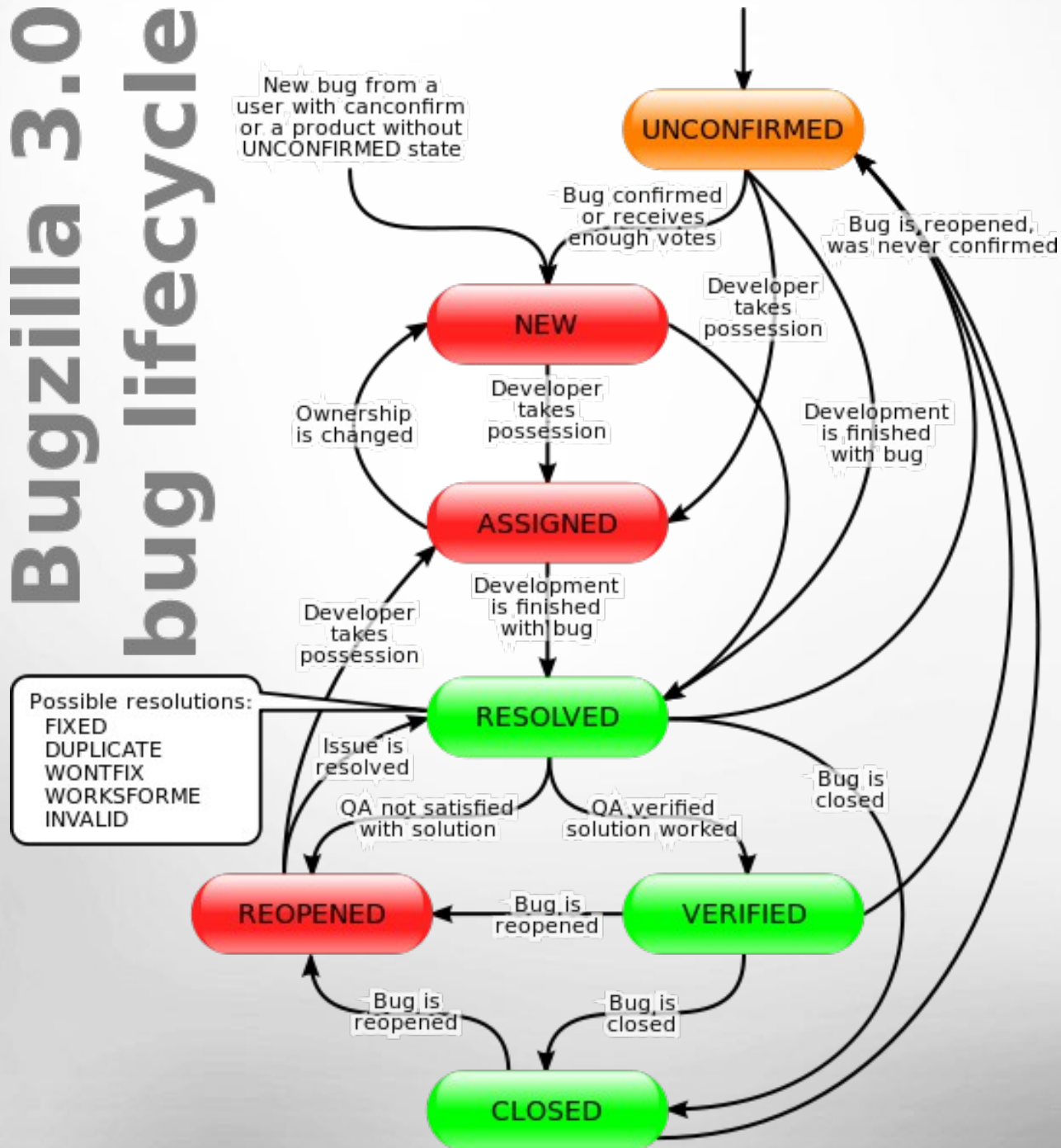
Security: ☐ Many users could be harmed by this security problem: it should be kept hidden from the public until it is resolved.

Zgłaszanie błędu – w nowej wersji



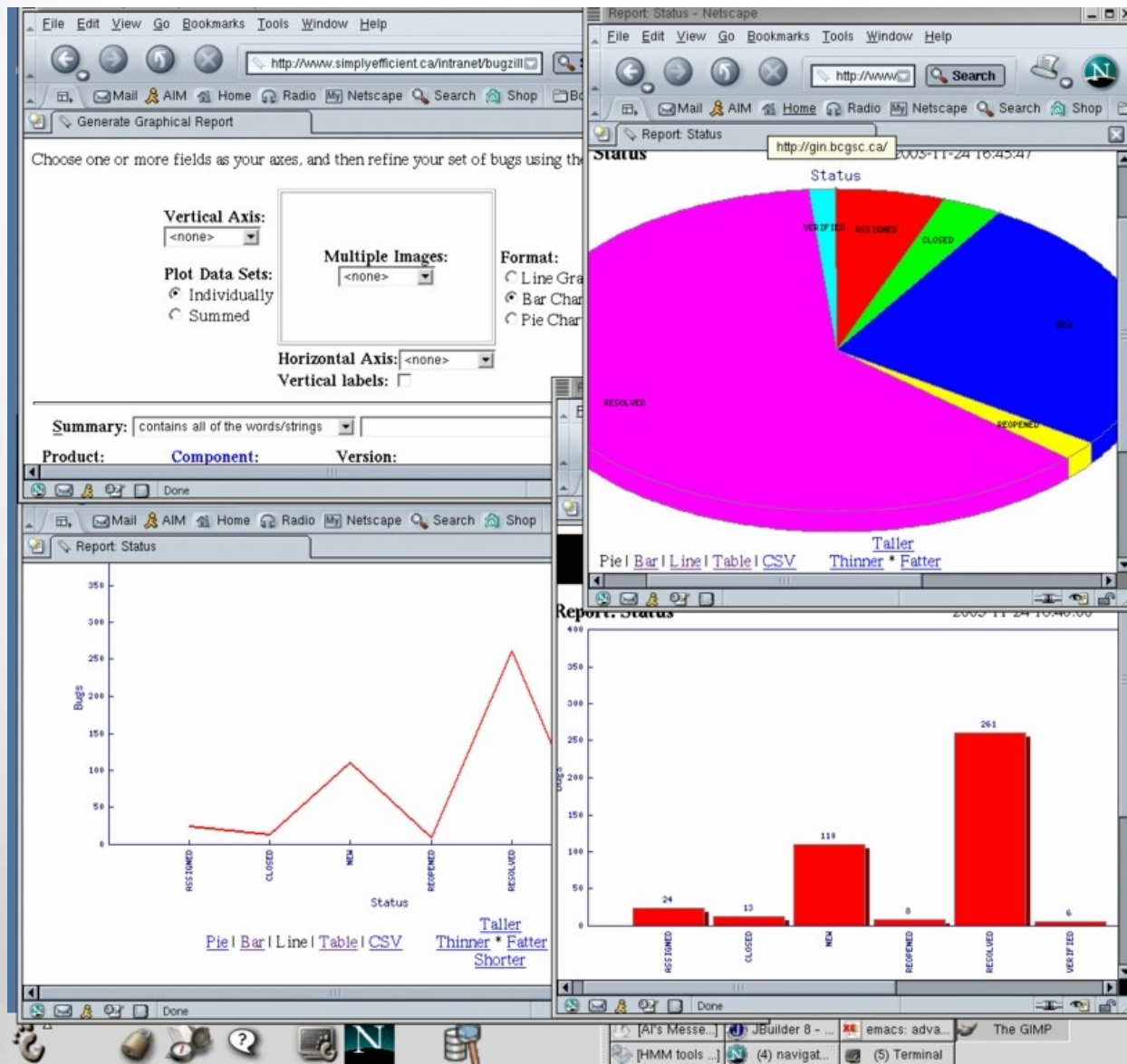
Zgłaszanie błędu – w nowej wersji cd.

Bugzilla 3.0 bug lifecycle



Bug List - Mozilla Firefox						
ID	Product	Comp	Assignee	Status	Resolution	Summary
1007102	Core	WebRTC	nobody	NEW	---	Intermittent test_getUserMedia_constraints_mobile.html application crashed [@ mozilla::MediaSegmentBase<mozilla::VideoChunk>::AppendSliceInternal(mozilla::MediaSegmentBase<mozilla::VideoSegment, mozilla::VideoChunk> co
1127537	Core	Graphics: Layers	nobody	NEW	---	Intermittent S13.2.2_A18_T2.js application crashed [@ mozilla::layers::CompositorD3D11::BeginFrame(nsIntRegion const &,mozilla::gfx::RectTyped<mozilla::gfx::UnknownUnits> const *,mozilla::gfx::RectTyped<mozilla::gfx::UnknownUnits> const
1073532	Core	General	nobody	NEW	---	Intermittent test_viewport_scroll.html application crashed [@ bool mozilla::VectorBase<mozilla::ipc::MessageChannel::I mozilla::MallocAllocPolicy, mozilla::Vector<mozilla::ipc::MessageChannel::InterruptFrame, 0u, mozilla::MallocAllocPo
1143520	Core	Layout	nobody	UNCO	---	mozilla::Maybe<mozilla::BaseTimeDuration<mozilla::TimeDurationValueCalculator> >::operator= (mozilla::Maybe<mozilla::BaseTimeDuration<mozilla::TimeDurationValueCalculator> > const&)
1158521	Core	Graphics: Layers	nobody	NEW	---	crash in mozilla::layers::BasicCompositor::DrawQuad(mozilla::gfx::RectTyped<mozilla::gfx::UnknownUnits> const&, mozilla::gfx::RectTyped<mozilla::gfx::UnknownUnits> const&, mozilla::layers::EffectChain const&, ...
1119805	Core	Canvas: WebGL	nobody	NEW	---	crash in @0x0 mozilla::gl::GLScreenBuffer::Create(mozilla::gl::GLContext*, mozilla::gfx::IntSizeTyped<mozilla::gfx::Unknown mozilla::gl::SurfaceCaps const&)
1056277	Core	Graphics: Layers	nobody	NEW	---	Intermittent regress-330951.js application crashed [@ mozilla::layers::ContentClientRemoteBuffer::CreateBuffer(gfxConte int,mozilla::RefPtr<mozilla::gfx::DrawTarget> *,mozilla::RefPtr<mozilla::gfx::DrawTarget> *)]
1096706	Core	Graphics	nobody	NEW	---	crash in mozilla::gfx::DrawTargetD2D::Stroke(mozilla::gfx::Path const*, mozilla::gfx::Pattern const&, mozilla::gfx::StrokeOptio mozilla::gfx::DrawOptions const&)
996600	Core	WebRTC	nobody	NEW	---	Intermittent PROCESS-CRASH test_peerConnection_basicVideo.html test_dataChannel_basicDataOnly application cra mozilla::MediaSegmentBase<mozilla::VideoSegment, mozilla::VideoChunk>::AppendSliceInternal(mozilla::MediaSegmentB
1089450	Core	Graphics: Layers	nobody	NEW	---	crash in mozilla::gfx::SourceSurfaceD2D1::SourceSurfaceD2D1(ID2D1Image*, ID2D1DeviceContext*, mozilla::gfx::SurfaceFormat mozilla::gfx::IntSizeTyped<mozilla::gfx::UnknownUnits> const&, mozilla::gfx::DrawTargetD2D1*)
916762	Core	Graphics: Layers	nobody	NEW	---	crash in mozilla::layers::CreateTexturedEffect(mozilla::gfx::SurfaceFormat, mozilla::layers::TextureSource*, mozilla::gfx::Filter
1074382	Core	Graphics: Layers	nobody	NEW	---	crash in mozilla::layers::DeviceManagerD3D9::CreateTexture(mozilla::gfx::IntSizeTyped<mozilla::gfx::UnknownUnits> const& mozilla::layers::TextureSourceD3D9*)
1143873	Core	DOM	nobody	NEW	---	crash in shutdownhang mozilla::EventDispatcher::Dispatch(nsISupports*, nsPresContext*, mozilla::WidgetEvent*, nsIDOM mozilla::EventDispatchingCallback*, nsCOMArray<mozilla::dom::EventTarget>*)
1092167	Core	Graphics: Layers	nobody	NEW	---	Crash in [@ mozilla::layers::DataTextureSourceD3D11::Update(mozilla::gfx::DataSourceSurface, nsIntRegion, mozilla::gfx::IntSizeTyped<mozilla::gfx::UnknownUnits> const&, mozilla::gfx::DrawTargetD3D11*)]

Tabela z zadaniami



Raport na podstawie danych z Bugzilli



Bugzilla

Czego potrzeba, aby korzystać z platformy ?



- 1) Perl – najnowsza wersja
- 2) Bazę danych
- 3) Serwer www (skrypty CGI)
- 4) Pliki instalacyjne Bugzilli
- 5) Odpowiednie moduły Perla
- 6) Serwer poczty (opcjonalnie)
- 7) Umiejętności konfiguracji ww (opcjonalnie)

Wymagane moduły perla: CGI (3.51), Date::Format (2.23), DateTime (0.28), DateTime::TimeZone (0.71), DBI (1.54), DBD::mysql (4.001) dla MySQL, DBD::Pg (2.7.0) dla PostgreSQL, DBD::Oracle (1.19) dla Oracle, Digest::SHA (any), Email::Send (2.04), Email::MIME (1.904), Template (2.22), URI (1.37)

Bugzilla

Instalacja

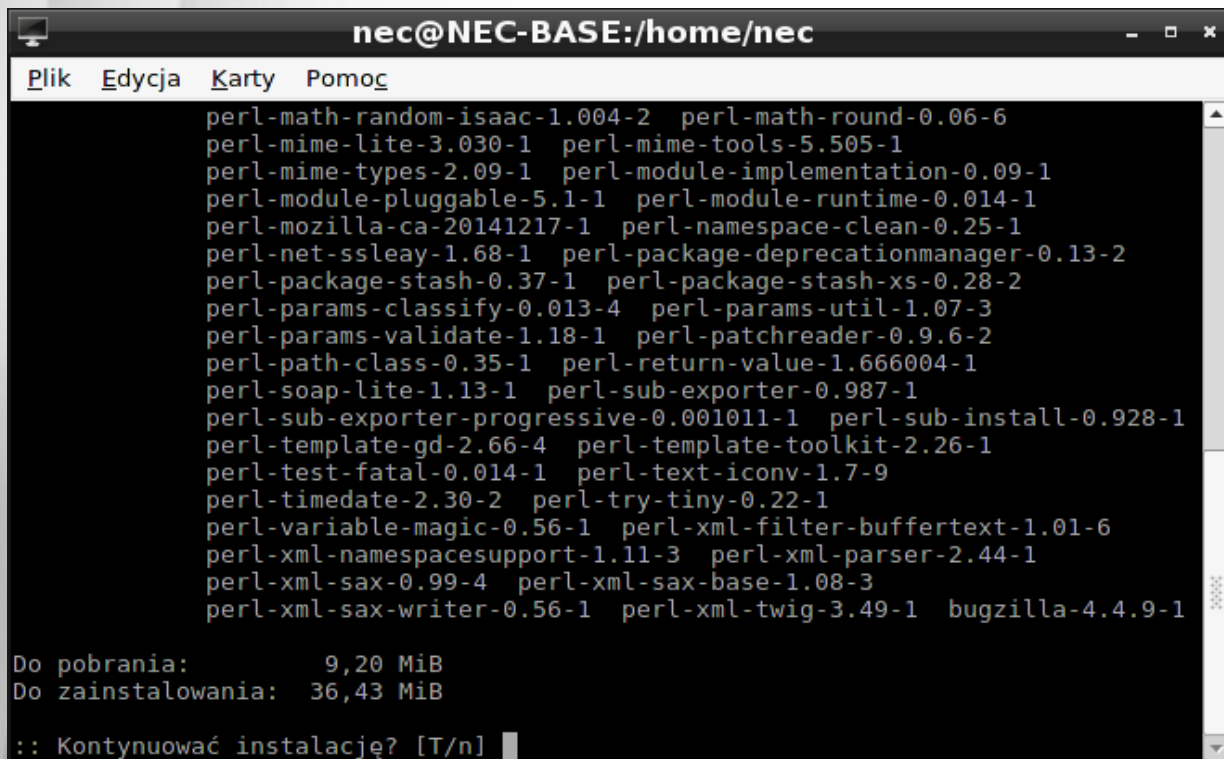
The screenshot shows a Mozilla Firefox browser window with the title bar 'The Bugzilla Guide - 4.4.9+ Release - Mozilla Firefox'. The address bar shows the URL 'https://www.bugzilla.org/docs/4.4/en/html/'. The page content is titled 'Table of Contents' and lists the following sections:

- 1. About This Guide**
 - [1.1. Copyright Information](#)
 - [1.2. Disclaimer](#)
 - [1.3. New Versions](#)
 - [1.4. Credits](#)
 - [1.5. Document Conventions](#)
- 2. Installing Bugzilla**
 - 2.1. Installation**
 - [2.1.1. Perl](#)
 - [2.1.2. Database Engine](#)
 - [2.1.3. Web Server](#)
 - [2.1.4. Bugzilla](#)
 - [2.1.5. Perl Modules](#)
 - [2.1.6. Mail Transfer Agent \(MTA\)](#)
 - [2.1.7. Installing Bugzilla on mod_perl](#)
 - 2.2. Configuration**
 - [2.2.1. localconfig](#)
 - [2.2.2. Database Server](#)
 - [2.2.3. checksetup.pl](#)
 - [2.2.4. Web server](#)
 - [2.2.5. Bugzilla](#)
 - 2.3. Optional Additional Configuration**
 - [2.3.1. Bug Graphs](#)
 - [2.3.2. The Whining Cron](#)
 - [2.3.3. Whining](#)
 - [2.3.4. Serving Alternate Formats with the right MIME type](#)

A small floating box in the center of the page contains the text 'The Bugzilla Guide - 4.4.9+ Release'.

Bugzilla

Instalacja

A terminal window titled 'nec@NEC-BASE:/home/nec' showing the installation progress of Bugzilla. The window has a menu bar with 'Plik', 'Edycja', 'Karty', and 'Pomoc'. The terminal output lists various Perl modules being installed, such as 'perl-math-random-isaac-1.004-2', 'perl-mime-lite-3.030-1', and 'perl-xml-sax-writer-0.56-1'. At the bottom, it shows the download size (9,20 MiB) and installation size (36,43 MiB), followed by a prompt to continue the installation: ':: Kontynuować instalację? [T/n]'.

```
nec@NEC-BASE:/home/nec
Plik  Edycja  Karty  Pomoc

perl-math-random-isaac-1.004-2 perl-math-round-0.06-6
perl-mime-lite-3.030-1 perl-mime-tools-5.505-1
perl-mime-types-2.09-1 perl-module-implementation-0.09-1
perl-module-pluggable-5.1-1 perl-module-runtime-0.014-1
perl-mozilla-ca-20141217-1 perl-namespace-clean-0.25-1
perl-net-ssleay-1.68-1 perl-package-deprecationmanager-0.13-2
perl-package-stash-0.37-1 perl-package-stash-xs-0.28-2
perl-params-classify-0.013-4 perl-params-util-1.07-3
perl-params-validate-1.18-1 perl-patchreader-0.9.6-2
perl-path-class-0.35-1 perl-return-value-1.666004-1
perl-soap-lite-1.13-1 perl-sub-exporter-0.987-1
perl-sub-exporter-progressive-0.001011-1 perl-sub-install-0.928-1
perl-template-gd-2.66-4 perl-template-toolkit-2.26-1
perl-test-fatal-0.014-1 perl-text-iconv-1.7-9
perl-timedate-2.30-2 perl-try-tiny-0.22-1
perl-variable-magic-0.56-1 perl-xml-filter-buffertext-1.01-6
perl-xml-namespacesupport-1.11-3 perl-xml-parser-2.44-1
perl-xml-sax-0.99-4 perl-xml-sax-base-1.08-3
perl-xml-sax-writer-0.56-1 perl-xml-twig-3.49-1 bugzilla-4.4.9-1

Do pobrania:      9,20 MiB
Do zainstalowania: 36,43 MiB

:: Kontynuować instalację? [T/n]
```

Następnie:

```
# cd /srv/http/bugzilla
# ./checksetup.pl --check-modules

# ./install-module.pl -all

# ./checksetup.pl
```

Bugzilla

Instalacja



W pliku localconfig:

```
$webservergroup = 'adres';  
$db_driver = 'Baza danych';  
$db_name = 'Nazwa bazy';  
$db_user = 'Nazwa użytkownika';  
$db_pass = 'Hasło użytkownika';
```

Bugzilla

Instalacja

W pliku /etc/httpd/conf/httpd.conf:

LoadModule cgi_module modules/mod_cgi.so

Dodajemy w nim również:

```
<Directory /srv/http/bugzilla>  
  AddHandler cgi-script .cgi  
  Options +ExecCGI  
  DirectoryIndex index.cgi  
  AllowOverride All  
</Directory>
```

APACHE
HTTP SERVER



KONIEC...



Dziękuję za uwagę !