



Razvoj in upravljanje življenjskega cikla domorodnih oblačnih programskih storitev

na primeru projekta Business Buddy

JANKO BOŽIČ (razvijalec)
ANDREJ ŠKUFGA (sistemski inženir)

NA KRATKO O PODJETJU



32 + redno zaposlenih



Že več kot 26 let na trgu
Slovenija, Hrvaška, Italija, Avstrija,...



ISO 9001:2015, 27001:2013

z vzpostavljenim upravnim območjem

OpenCon.si

Ljubljana, september 2022

Izziv obvladovanja velike količine vhodnih podatkov...



...naslavlja **BusinessBuddy**.



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STORITEV

Služi kot dopolnitev obstoječih sistemov v organizaciji.

KATEGORIZACIJA IN PREPOZNAVA

Samodejna prepoznavna in umeščanje podatkov iz dokumentov v ciljne sisteme.

PRILAGODLJIVOST

Hitro prilagajanje na spremembe in potrebe okolja, ter splošna uporabnost ne glede na specifikke organizacije („one size fits all“).



KAKO? KAJ POTREBUJEMO?

- Splošne zahteve = prototip
- Povezljivo (spletni servisi)
- Večnajemniška arhitektura
- Mikrostoritve
- Hitro ≠ Nekakovostno
- Varno





OPENSIFT

OpenCon.si

Enotna DevOps platforma

Razvojna ogrodja / jeziki

Podatkovna skladišča

Avtentikacija / Avtorizacija

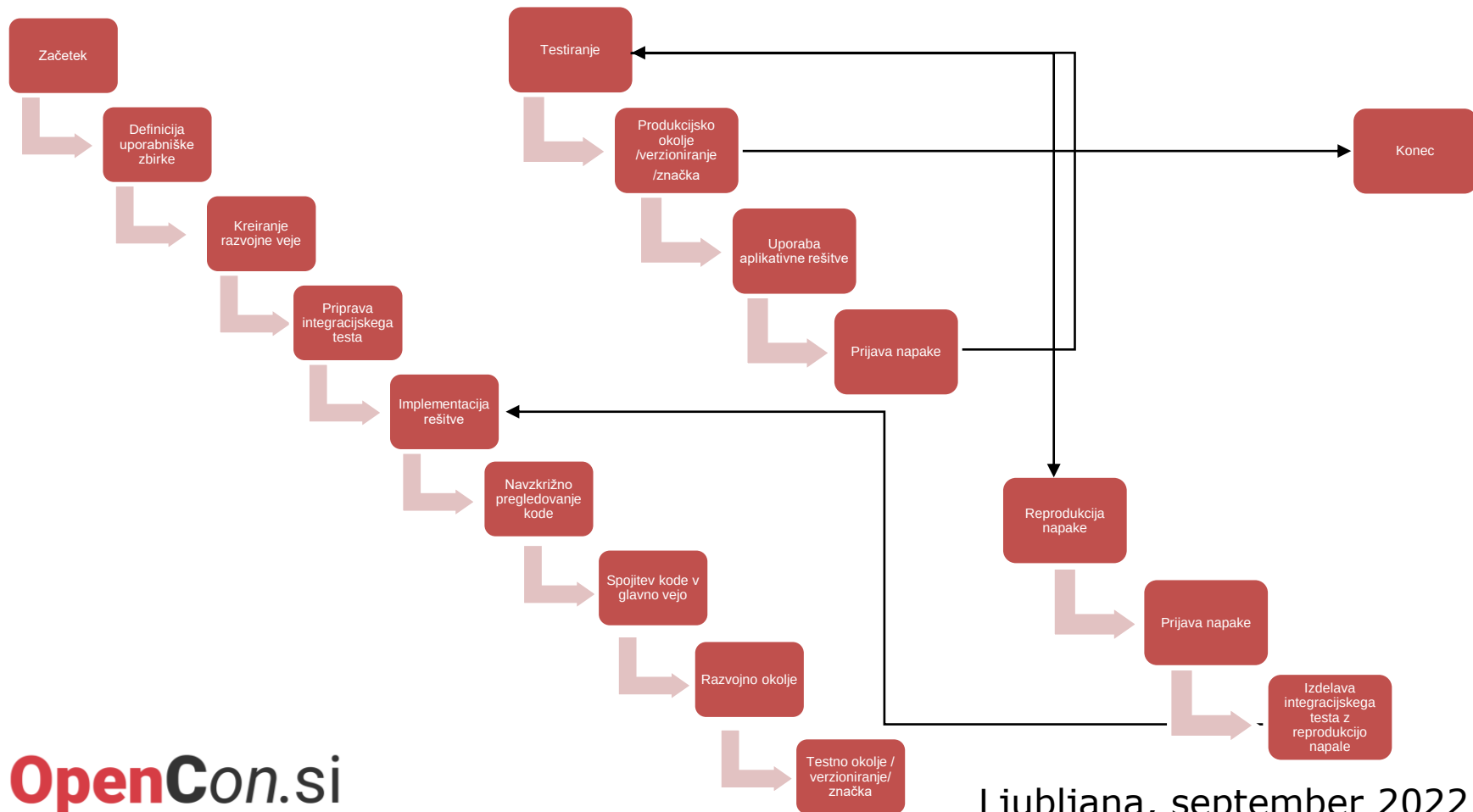
Nadzor nad delovanjem

Kubernetes platforma

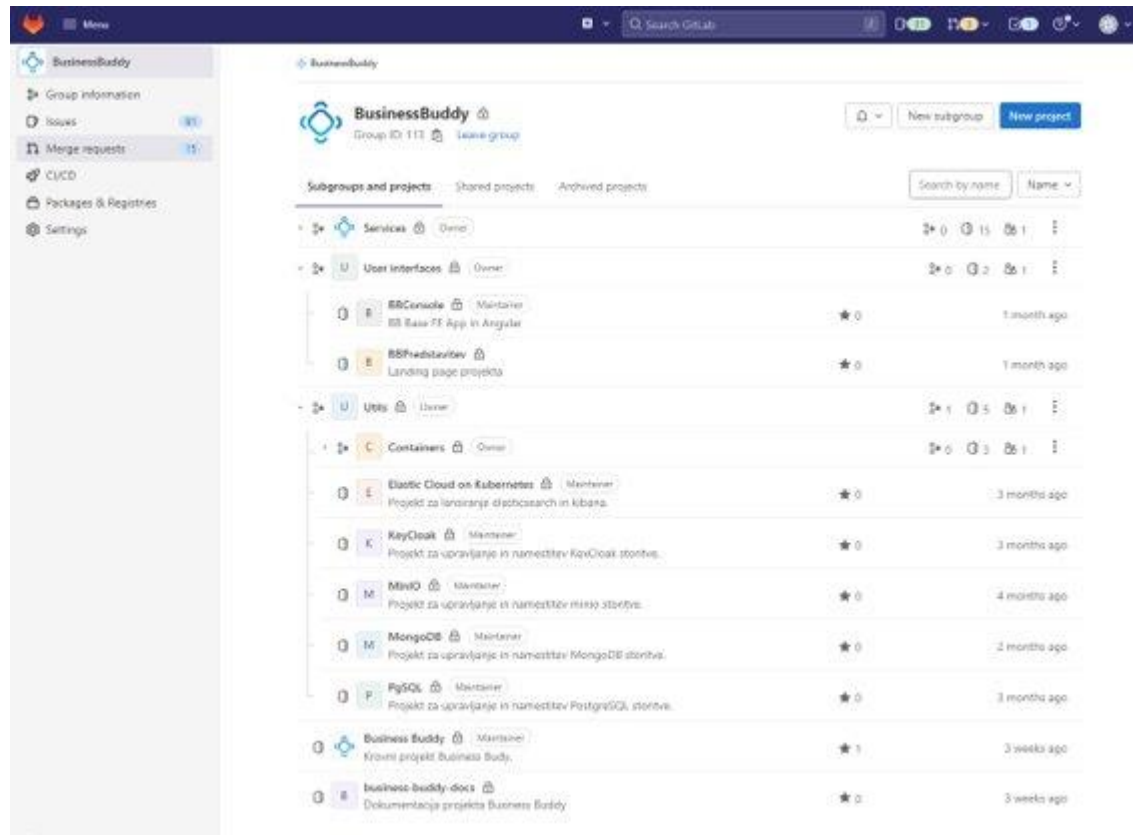
Ljubljana, september 2022



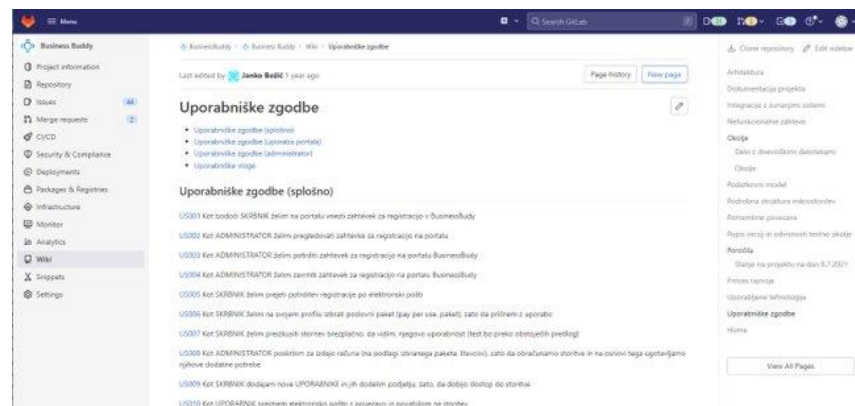
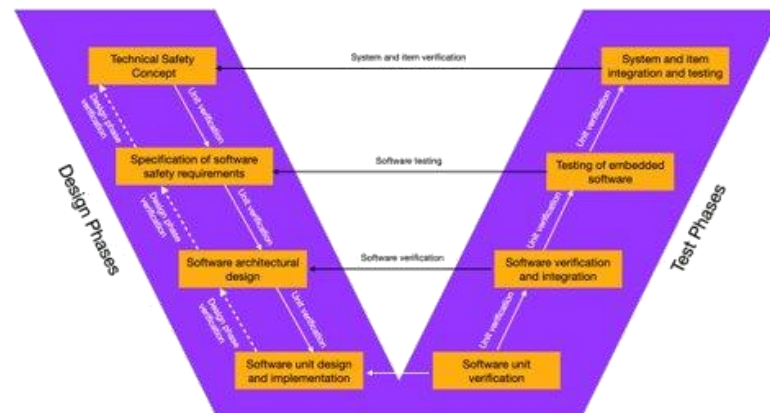
PROCES RAZVOJA



ORGANIZACIJA PROJEKTOV



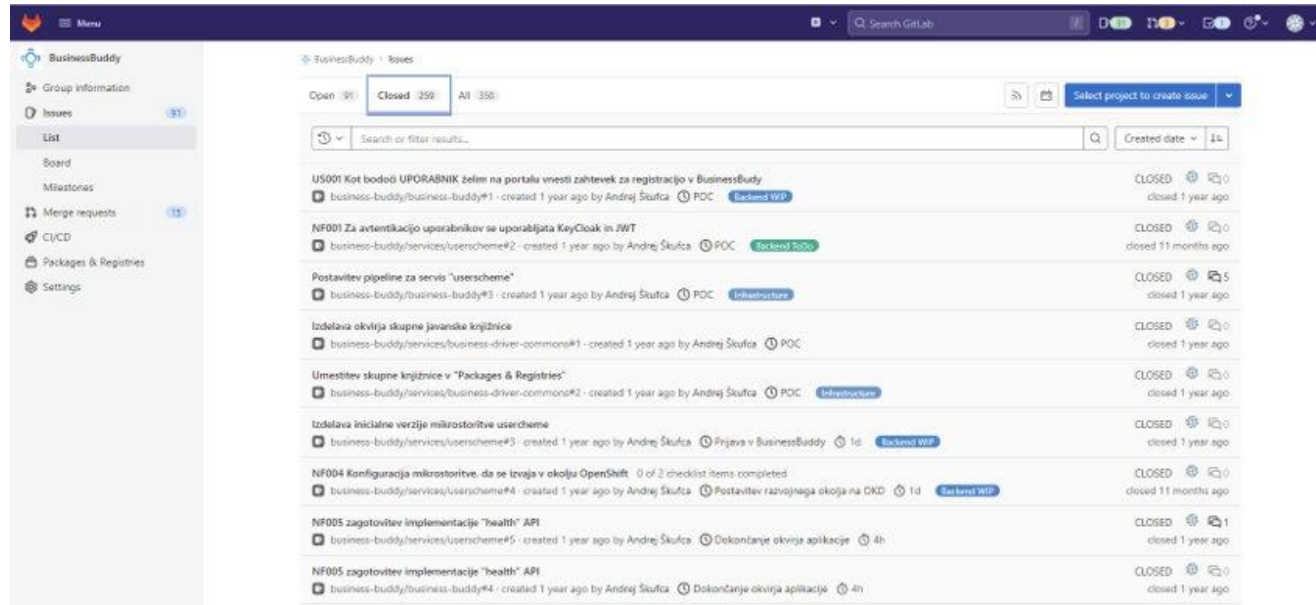
UPORABNIŠKA ZAHTEVA



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KONKRETNE ZADOLŽITVE (Issue)



BusinessBuddy

Group information

Issues 31

List

Board

Milestones

Merge requests 15

CI/CD

Packages & Registries

Settings

BusinessBuddy / Issues

Open 91 Closed 259 All 350

Select project to create issue

Search or filter results...

Created date

US001 Kot bodoči UPORABNIK želim na portalu vnesti zahtevek za registracijo v BusinessBuddy

business-buddy/business-buddy#1 · created 1 year ago by Andrej Štufca · POC · Backlog WIP

CLOSED closed 1 year ago

NF001 Za avtentikacijo uporabnikov se uporablja KeyCloak in JWT

business-buddy/services/userscheme#2 · created 1 year ago by Andrej Štufca · POC · Backlog WIP

CLOSED closed 11 months ago

Postavitve pipeline za servis "userscheme"

business-buddy/business-buddy#3 · created 1 year ago by Andrej Štufca · POC · Infrastructure

CLOSED closed 1 year ago

Izdelava okvirja skupne javanske knjižnice

business-buddy/services/business-driver-commons#1 · created 1 year ago by Andrej Štufca · POC

CLOSED closed 1 year ago

Umetitev skupne knjižnice v "Packages & Registries"

business-buddy/services/business-driver-commons#2 · created 1 year ago by Andrej Štufca · POC · Infrastructure

CLOSED closed 1 year ago

Izdelava inicialne verzije mikrosoritive userscheme

business-buddy/services/userscheme#3 · created 1 year ago by Andrej Štufca · Prijava v BusinessBuddy · 1d · Backlog WIP

CLOSED closed 1 year ago

NF004 Konfiguracija mikrosoritive, da se izvaja v okolju OpenShift 0 of 2 checklist items completed

business-buddy/services/userscheme#4 · created 1 year ago by Andrej Štufca · Postavitve razvojnega okolja na OKD · 1d · Backlog WIP

CLOSED closed 11 months ago

NF005 zagotovitev implementacije "health" API

business-buddy/services/userscheme#5 · created 1 year ago by Andrej Štufca · Dekoniranje okvira aplikacije · 4h

CLOSED closed 1 year ago

NF005 zagotovitev implementacije "health" API

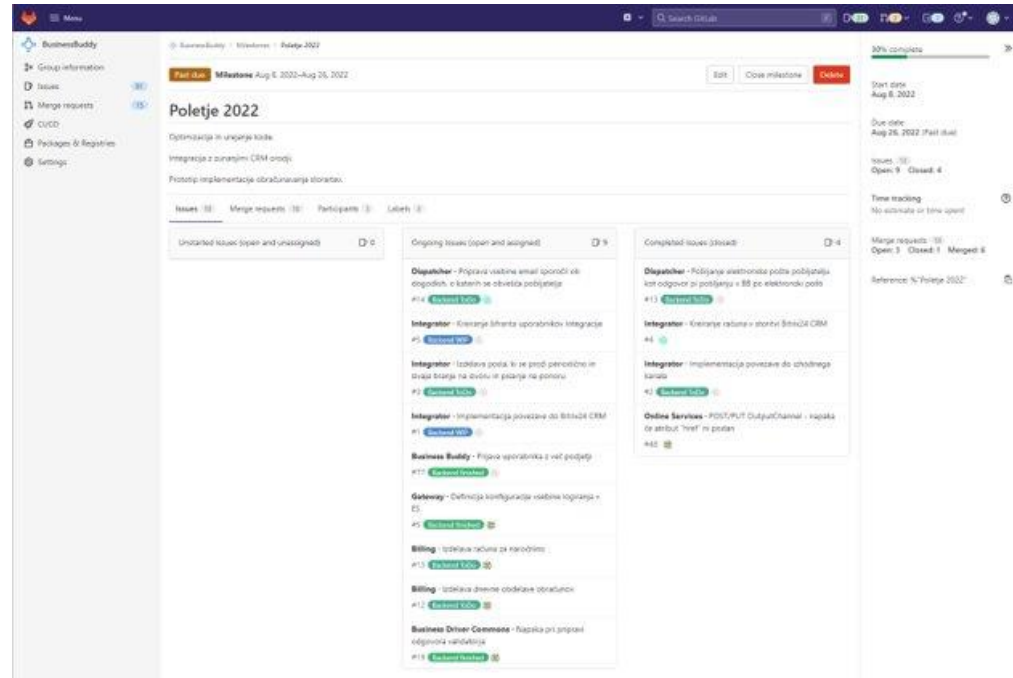
business-buddy/business-buddy#4 · created 1 year ago by Andrej Štufca · Dokončanje okvira aplikacije · 4h

CLOSED closed 1 year ago

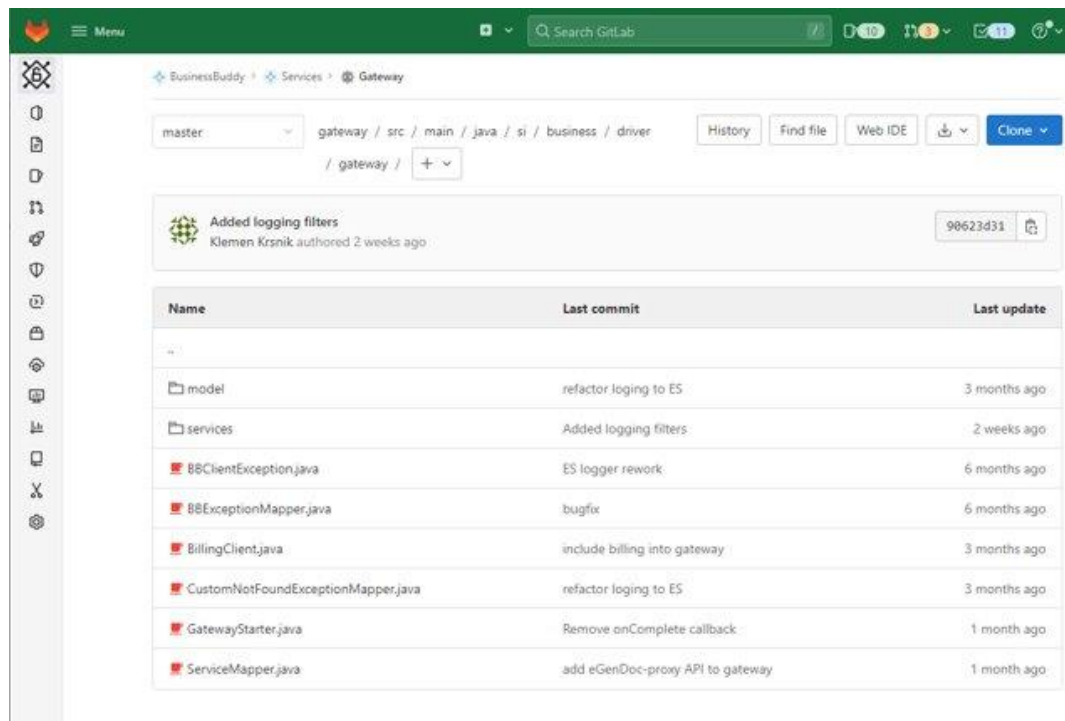
KANBAN



SCRUM (Milestone)



PROJEKT



BusinessBuddy > Services > Gateway

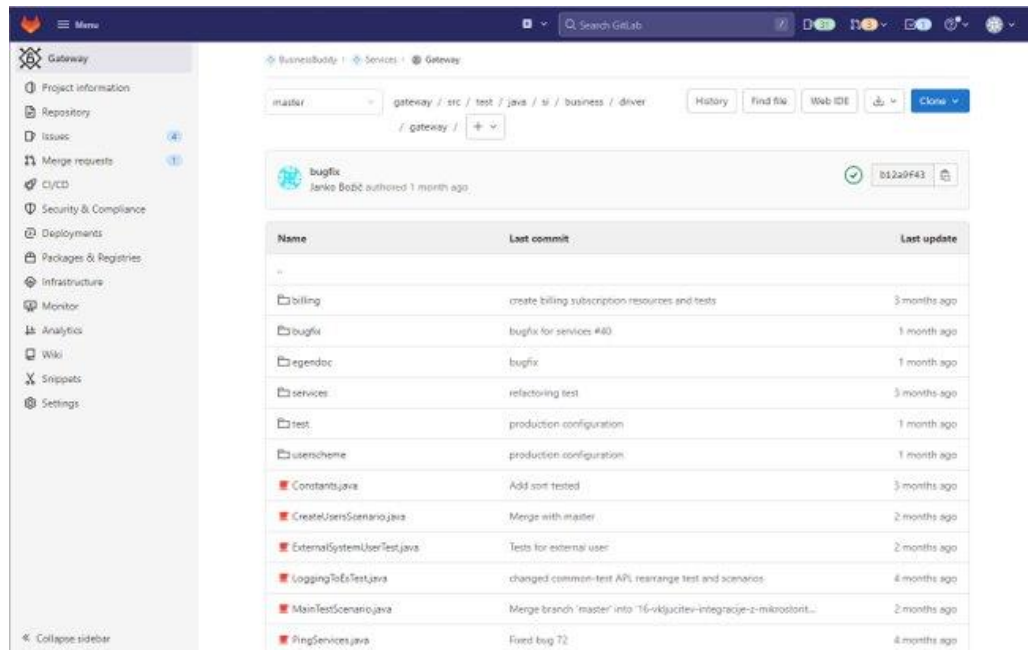
master gateway / src / main / java / si / business / driver / gateway

History Find file Web IDE Clone

Added logging filters
Klemen Krsnik authored 2 weeks ago

Name	Last commit	Last update
-		
model	refactor logging to ES	3 months ago
services	Added logging filters	2 weeks ago
BBClientException.java	ES logger rework	6 months ago
BBExceptionHandler.java	bugfix	6 months ago
BillingClient.java	include billing into gateway	3 months ago
CustomNotFoundExceptionMapper.java	refactor logging to ES	3 months ago
GatewayStarter.java	Remove onComplete callback	1 month ago
ServiceMapper.java	add eGenDoc-proxy API to gateway	1 month ago

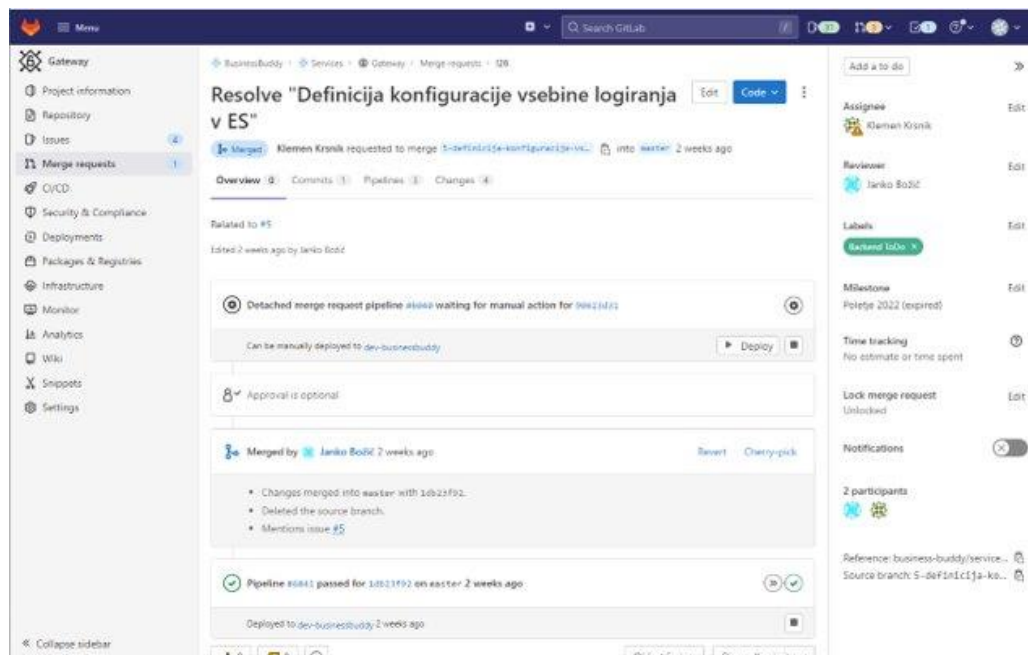
INTEGRACIJSKI TEST



GitLab interface showing the commit history for the 'gateway' repository. The left sidebar contains navigation links: Gateway, Project information, Repository, Issues (4), Merge requests (1), CI/CD, Security & Compliance, Deployments, Packages & Registries, Infrastructure, Monitor, Analytics, Wiki, Snippets, and Settings. The main content area shows the commit history table with columns for Name, Last commit, and Last update.

Name	Last commit	Last update
..		
billing	create billing subscription resources and tests	3 months ago
bugfix	bugfix for services #80	1 month ago
egendoc	bugfix	1 month ago
services	refactoring test	3 months ago
test	production configuration	1 month ago
userscheme	production configuration	1 month ago
Constants.java	Add sort tested	3 months ago
CreateUsersScenario.java	Merge with master	2 months ago
ExternalSystemUserTest.java	Tests for external user	2 months ago
LoggingToElasticTest.java	changed common-test API, rearrange test and scenarios	4 months ago
MainTestScenario.java	Merge branch 'master' into '16-vkljucitev-integracije-z-mikrosont...	2 months ago
PingServices.java	Fixed bug T2	4 months ago

SPOJITEV KODE (merge request)

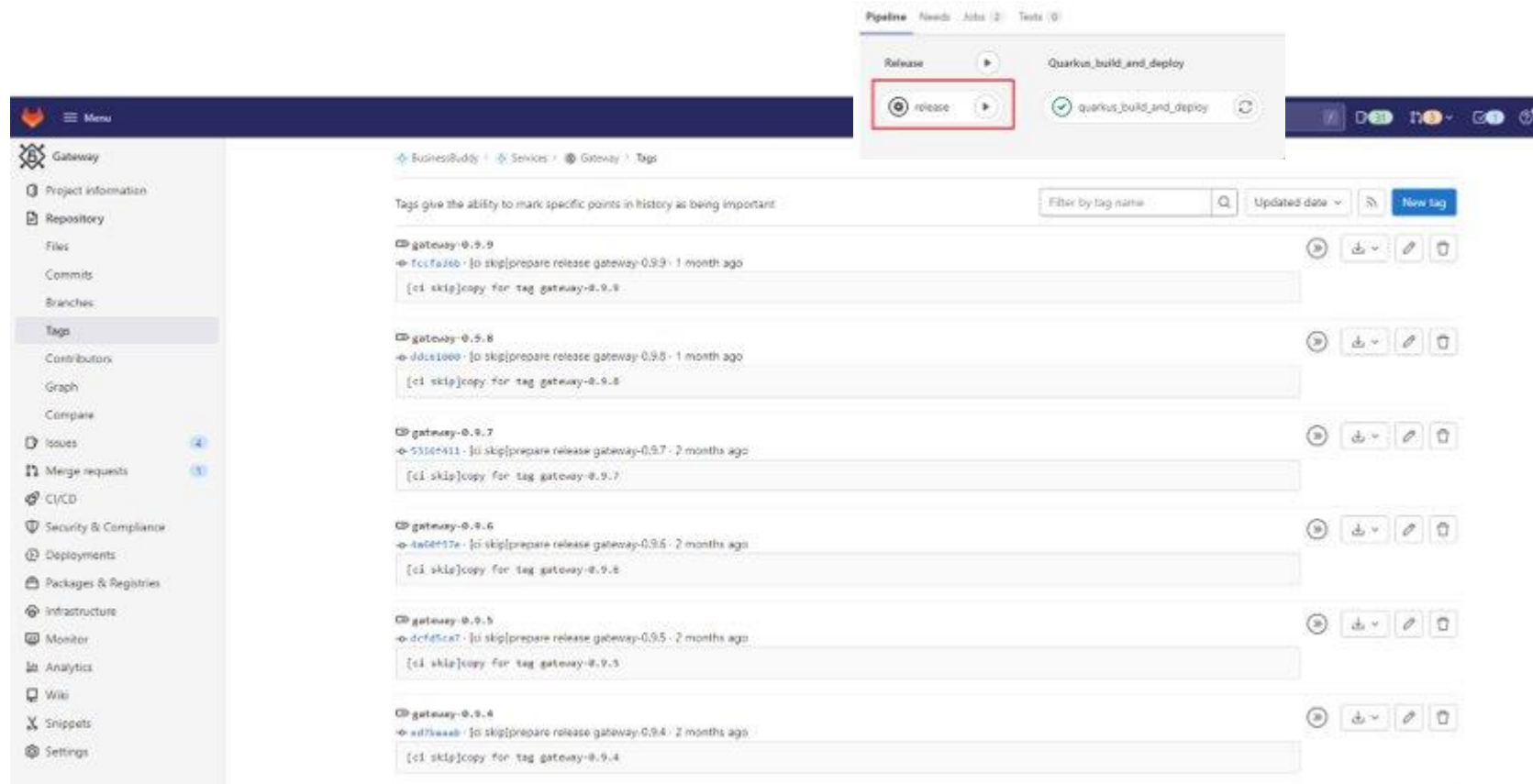


SPROŽI SE CEVOVOD



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IZDAJA VERZIJE



The screenshot displays the OpenCon.si web interface. The sidebar on the left contains a menu with the following items: Gateway, Project information, Repository, Files, Commits, Branches, Tags (highlighted), Contributors, Graph, Compare, Issues (4), Merge requests (3), CI/CD, Security & Compliance, Deployments, Packages & Registries, Infrastructure, Monitor, Analytics, Wiki, Snippets, and Settings. The main content area shows the 'Tags' page for the 'Gateway' project. It includes a search bar, a 'Filter by tag name' dropdown, and a 'New tag' button. The list of tags is as follows:

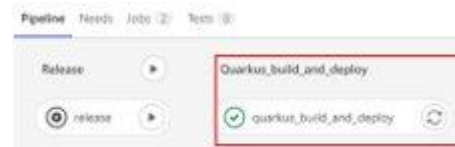
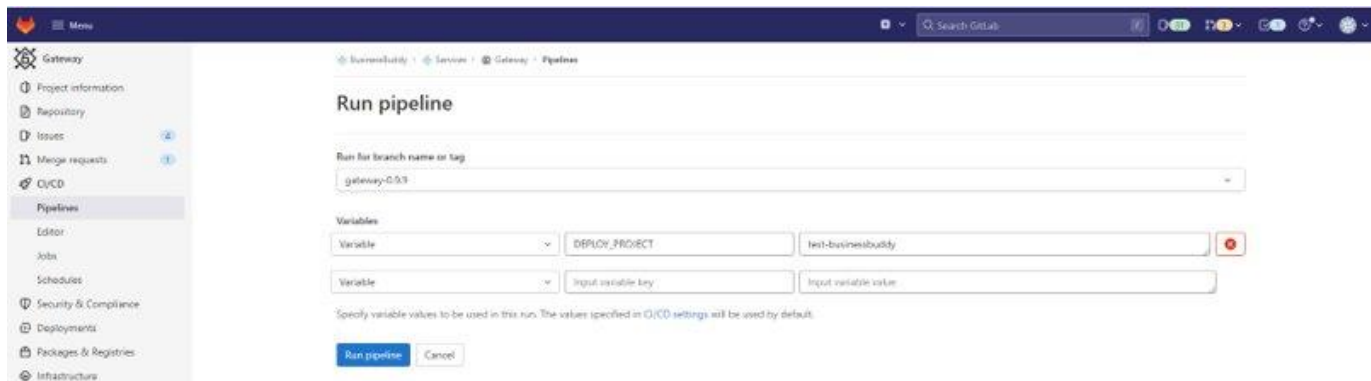
Tag Name	Commit Hash	Message	Created
gateway-0.9.9	fcd7a26b	[ci skip]prepare release gateway-0.9.9 - 1 month ago	1 month ago
gateway-0.9.8	ddc1000	[ci skip]prepare release gateway-0.9.8 - 1 month ago	1 month ago
gateway-0.9.7	5356411	[ci skip]prepare release gateway-0.9.7 - 2 months ago	2 months ago
gateway-0.9.6	4a6d47e	[ci skip]prepare release gateway-0.9.6 - 2 months ago	2 months ago
gateway-0.9.5	dcd5ca7	[ci skip]prepare release gateway-0.9.5 - 2 months ago	2 months ago
gateway-0.9.4	ed75a6b	[ci skip]prepare release gateway-0.9.4 - 2 months ago	2 months ago

A red box highlights the 'release' button in the top right corner of the interface.

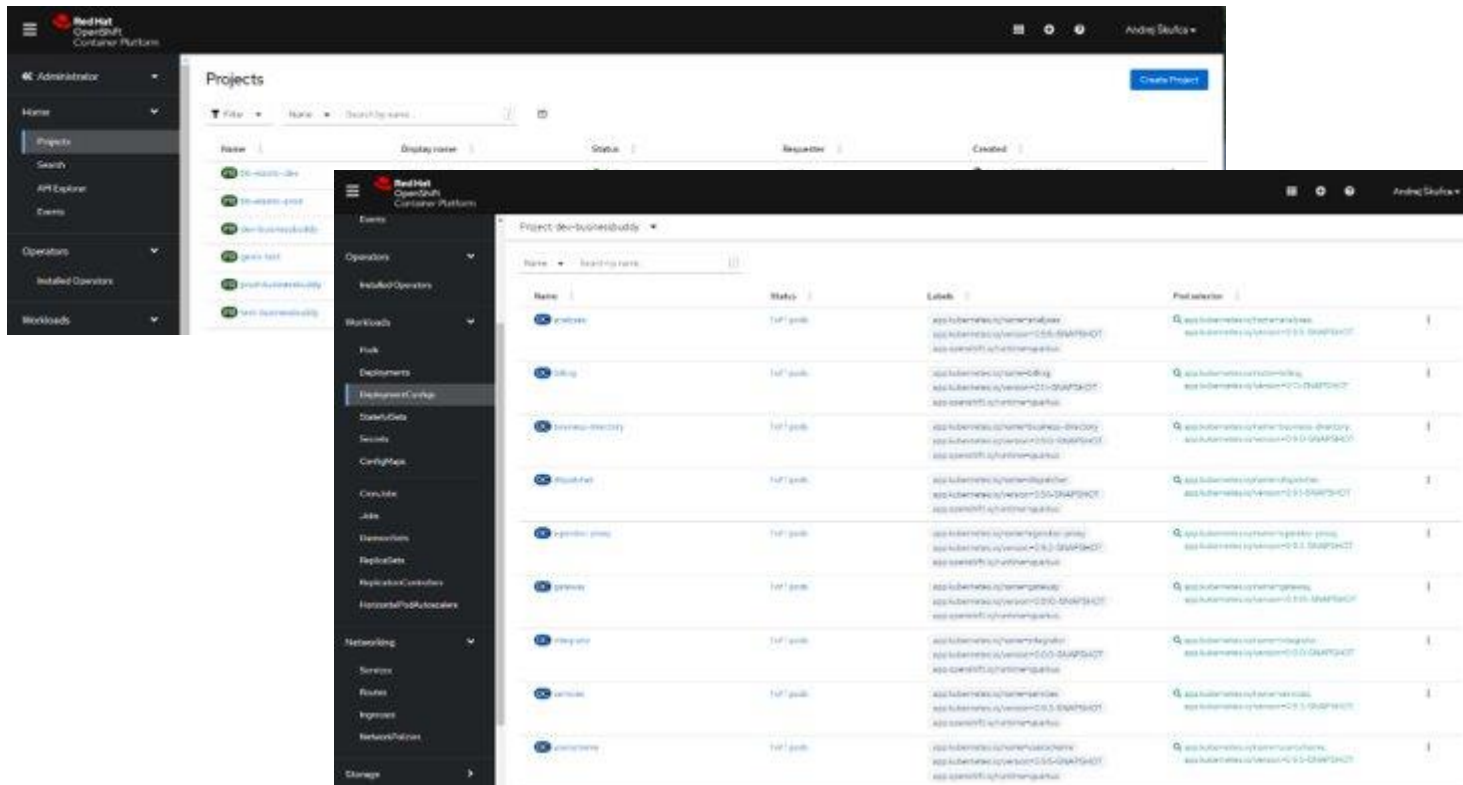
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NAMESTITEV V TEST/PRODUKCIJO



BUILD, DEPLOY...OpenShift



OSNOVNI PODATKI O PROJEKTU

TRAJANJE

24 MESECEV

9.7.2020 - 31.8.2022

PARTNERJI

Genis d.o.o. in Agenda d.o.o.

GLAVNI CILJI

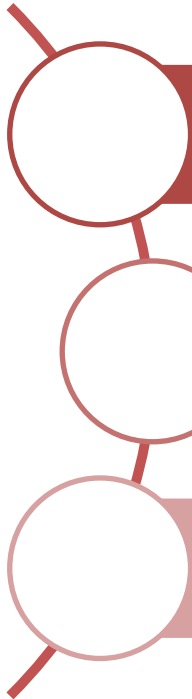
Razvoj samostojne storitve za kategorizacijo in p
repoznavo dokumentov ter prenos v namens
ki izhod (spletna pošta/aplikacija/...).

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Ljubljana, september 2022

POZIV ZAINTERESIRANIM



Trenutno v BETA verziji in
v internem preizkušanju predvidoma do 30.11.2022.

S 15.1.2023 odpiramo prostor 3 podjetjem za
testiranje v „živo“.

Dvoletna brezplačna uporaba
Business Buddy-a za en kanal.

Več informacij ter prijave na info@businessbuddy.si.

HVALA ZA POZORNOST!

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