

QMS formation

Mathieu Sambuq Guillaume Serriere

Kratos Communications SAS

11 February 2020

- 1 QMS structure
- 2 Quality improvement management
- 3 Markdown
- 4 Git
- 5 Gitlab

Table of Contents

- 1 QMS structure
- 2 Quality improvement management
- 3 Markdown
- 4 Git
- 5 Gitlab

Seminar during Q4 2019 point the needs to:

- Improve the processes
- Improve the structure of the quality system
- Define a way to make collaborative and continuous improvement on processes

Seminar during Q4 2019 point the needs to:

- Improve the processes
- Improve the structure of the quality system
- Define a way to make collaborative and continuous improvement on processes

New version of QMS based on new architecture:

- Website to host QMS
- Git + Gitlab
- Markdown + Pandoc

- URL <http://192.168.48.22:8082/repository/qa/QMS.html>
- All existing process are hosted in html format and keep to last version
- Up to date template are hosted

- URL <http://192.168.48.22:8082/repository/qa/QMS.html>
- All existing process are hosted in html format and keep to last version
- Up to date template are hosted

Futur plan:

- Proper url name for the site
- Pdf version
- Better information about versioning

Gitlab project: <https://gitlab-toulouse.kratos.us/qms/kratos-qms>

Contains information on:

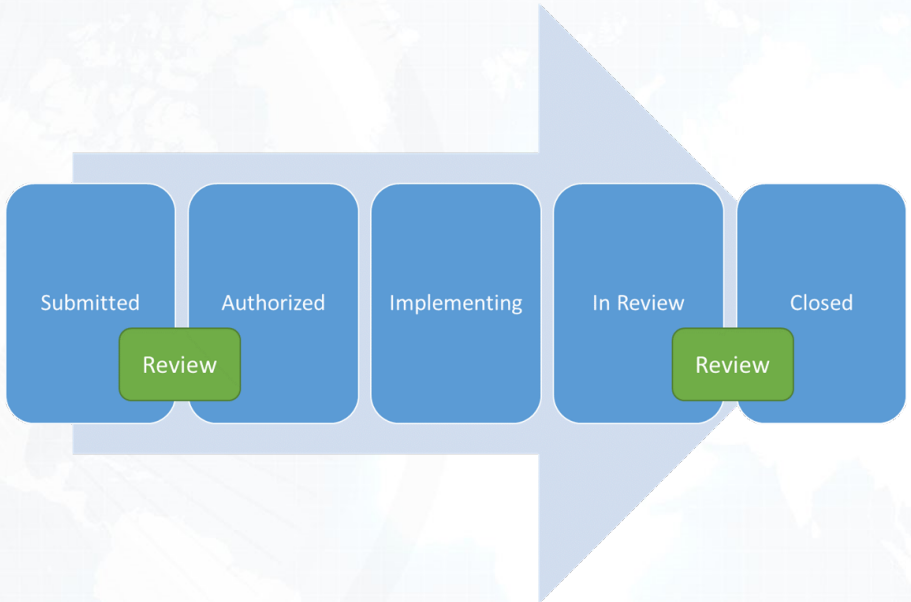
- Markdown version of process
- Template
- Tools to generate qms website

Table of Contents

- 1 QMS structure
- 2 Quality improvement management**
- 3 Markdown
- 4 Git
- 5 Gitlab

- Collaboration at several levels:
 - Issue Submission
 - Issue Implementation (Update of a process or template)
 - Merge Request Review
- Version Control of processes and templates
- Flexible workflow using Issues
- Processes written in markdown language: managed like source code

Gitlab issue workflow



Gitlab issue workflow

qms > kratos-qms > Issue Boards

QMS Improve... Search or filter results...

Show labels ☒ Edit board Add list Add new

Open 1 0 +

Create a bat script to generate / update template project and optimize path
#13

Authorized 3 0 + ⚙

Define template contents for QMS processes definition
#12

Define issue template for QMS contributions
#11

Improve consultant travel authorizations process
#15

Implementing 1 0 + ⚙

Update Organigram in Kratos Communications SAS Organization note
#14 Feb 7

In Review 0 0 + ⚙

- Everyone can:
 - Create a new Issue.
 - Comment on other Issues. Like, Dislike.
 - Review, comment and approve merge requests.
- Volunteers for Issue implementation can:
 - Move an authorized issue to Implementing Status.
 - Move an Implemented issue to in Review Status.
- Nacera, Bruno and Mathieu can:
 - Authorize or close new Issues.
 - Close reviewed Issues.

Merge request is an essential part of the process. It helps to avoid mistake and to improve quality of contribution.

Merge request is an essential part of the process. It helps to avoid mistake and to improve quality of contribution.

But it can be source of frustration for all actors and every one needs to be willing to do is share of effort.

A reviewer must follow these rules:

- Be benevolent
- Do not expect people to write like you
- Accept that the originator might not apply some of your suggestion for good reason
- Review the subsequent modification if not trivial

The originator must follow these rules:

- Be benevolent
- Assume good faith
- Accept that you can have made a mistake
- Apply modification that are improving the quality of your contribution
- Do not accept proposition that doesn't improve the quality

Table of Contents

- 1 QMS structure
- 2 Quality improvement management
- 3 Markdown**
- 4 Git
- 5 Gitlab

Definition

Markdown is a lightweight markup language that aims to provide basic text formatting in plain text format.

Definition

Markdown is a lightweight markup language that aims to provide basic text formatting in plain text format.

It is used as an intermediate language that is then translated in other format.

Section title
Text

Sub-section title
Text

1 Section title

Text

1.1 Sub-section title

Text

First_paragraph.

Second_paragraph.
Not_a_line_break._
Line_break.

First_line.
Second_line.

Third_paragraph.

First paragraph.

Second paragraph. Not a line break.
Line break.

First line.

Second line.

Third paragraph.

Note:
 is a tag from HTML language and is interpreted by markdown as a line break.

Example: Text Emphasis

This text will be italic

This will also be italic

This text will be bold

__This will also be bold__

You **can** combine them

This text will be italic

This will also be italic

This text will be bold

This will also be bold

You **can** combine them

Example: Bullet list

+ first item
+ second item

— Or —

– first item
– second item

— Or —

* first item
* second item

- first item
- second item

Example: Enumerate list

- 1. first item
- 2. second item
- 5. third item
- 5. fourth item

- a. first item
- b. second item
- b. third item

- 1. first item
- 2. second item
- 3. third item
- 4. fourth item

- a. first item
- b. second item
- c. third item

Value on enumeration doesn't matter.

Example: Nested list

- 1. first item
 - 1. nested element
 - 2. nested element
- 2. second item
 - + first point
 - + second point
- 1. third point
 - a. first letter
 - a. second letter
 - first point
- 1. fourth point

- 1. first item
 - 1. nested element
 - 2. nested element
- 2. second item
 - first point
 - second point
- 3. third point
 - a. first letter
 - b. second letter
 - first point
- 4. fourth point

Example: Table

```
| Header 1 | Header 2 |  
| ——— | ——— |  
| Text | Longer text as you can see |  
| Text | Text with <br>line return |
```

Header 1	Header 2
Text	Longer text as you can see
Text	Text with line return

Note: `
` is a tag from HTML language and is interpreted by markdown as a line break.

Example: Image

! [Kratos Logo] (Images / Kratos_Cover . png)



Kratos Logo

Link are can be with a relative path (Images/kratos.png) or absolute (C:\Users\guillaume.serriere\Documents\qms formation\kratos.png)

```
[Link 1](document.md)
```

[Link 1](#)

```
[Link with emphasis](document.md)
```

[Link **with emphasis**](#)

- Link are can be with a relative path (Images/kratos.png) or absolute (C:\Users\guillaume.serriere\Documents\qms formation\kratos.png).
- Link to *.md file will be replaced with link to *.html file in our system.

Example: Special Character

Some characters are part of markdown language and need to be escaped (put a \ in front) in order to be usable normally.

- '>'
- '-', '+', '*' when use at beginning of line
- '\'
- '|'

Definition

Pandoc is an open-source document conversion software first released in 2006.

It allows to convert from its own markdown format to html format.

Definition

Pandoc is an open-source document conversion software first released in 2006.

It allows to convert from its own markdown format to html format.

The pandoc version can be extended and we added several extensions:

- Automatic link conversion from *.md to *.html
- Automatic toc and header numeration
- Header information (kratos logo and information) inclusion

Table of Contents

- 1 QMS structure
- 2 Quality improvement management
- 3 Markdown
- 4 **Git**
- 5 Gitlab

Definition

Git is a distributed Version Controlling System originally developed by Linus Torvalds first released in 2005.

It allows to track and to share the change of a set of file.

Definition

Git is a distributed Version Controlling System originally developed by Linus Torvalds first released in 2005.

It allows to track and to share the change of a set of file.

Note: Git is a lot more than this.

Repository definition

A repository is the name of the structure that handle the code and track the change.

Commit definition

Git is working by taking snapshot at some point in time of the state of every file, creating a new version of all the files each time. Each snapshot is recorded incrementally with the difference with the last recorded snapshot.

Such snapshot is called a commit.

Commit definition

Git is working by taking snapshot at some point in time of the state of every file, creating a new version of all the files each time. Each snapshot is recorded incrementally with the difference with the last recorded snapshot.

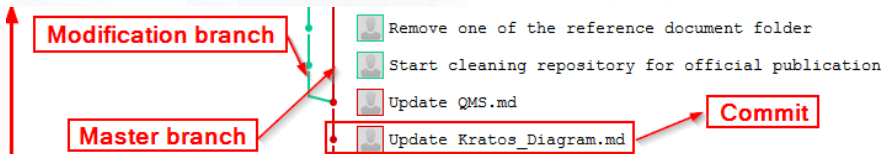
Such snapshot is called a commit.

All commit are organized in a graph and every version recorded in git can be constructed by applying all commit in order.

Branch definition

A branch is a succession of commit. It has a base, and a HEAD which is the most recent commit of said branch and commits between.

A branch can be created from any commit, and a repository can have multiple branches.



Master

Master is by convention the name given to the main branch of a repository.

Master

Master is by convention the name given to the main branch of a repository.

Merge

A merge is the operation use to bring modification of a branch in another one.

A merge is done by:

- 1 taking the most recent common commit
- 2 computing the cumulative difference since this commit
- 3 applying it to the other branch

A merge is done by:

- 1 taking the most recent common commit
- 2 computing the cumulative difference since this commit
- 3 applying it to the other branch

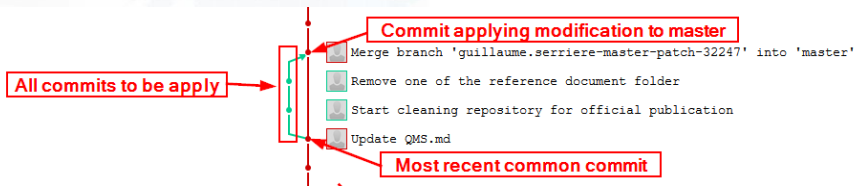


Table of Contents

- 1 QMS structure
- 2 Quality improvement management
- 3 Markdown
- 4 Git
- 5 Gitlab

What is Gitlab ?

Gitlab definition

Gitlab is a web server which provides a set of feature to git repositories.

Gitlab definition

Gitlab is a web server which provides a set of feature to git repositories.

Set of features useful for QMS:

- Issue creation and commenting
- Branch merging tool
- Continuous integration

First step

The first step of the process is to create an issue describing what needs to be done.

Issue creation

qms > kratos-qms > Issues

Open 5 Closed 10 All 15

Recent searches ▾ Search or filter results...

Created date ▾

Improve consultant travel authorizations process
#15 · opened 2 days ago by Loïc Coulet updated 2 days ago

Update Organigram in Kratos Communications SAS Organization note
#14 · opened 1 week ago by Matthew Sheehan Feb 7, 2020 Authorized updated 6 days ago

Create a bat script to generate / update template project and optimize path
#13 · opened 1 week ago by JC updated 6 days ago

Define template contents for QMS processes definition
#12 · opened 1 week ago by Loïc Coulet Authorized updated 1 week ago

Define issue template for QMS contributions
#11 · opened 1 week ago by Loïc Coulet Authorized updated 1 week ago

Issue creation

The screenshot shows the 'New Issue' form in the Kratos QMS interface. The form is divided into three main sections: Title, Description, and Submission. The Title field is highlighted with a red box and the number 1. The Description field is highlighted with a red box and the number 2. The Submission button is highlighted with a red box and the number 3.

Title

Add [description templates](#) to help your contributors communicate effectively!

Description

Write **Preview**

Write a comment or drag your files here...

Markdown and [quick actions](#) are supported

[Attach a file](#)

☐ This issue is confidential and should only be visible to team members with at least Reporter access.

Assignee Unassigned [Assign to me](#) **Due date** Select due date

Milestone Milestone

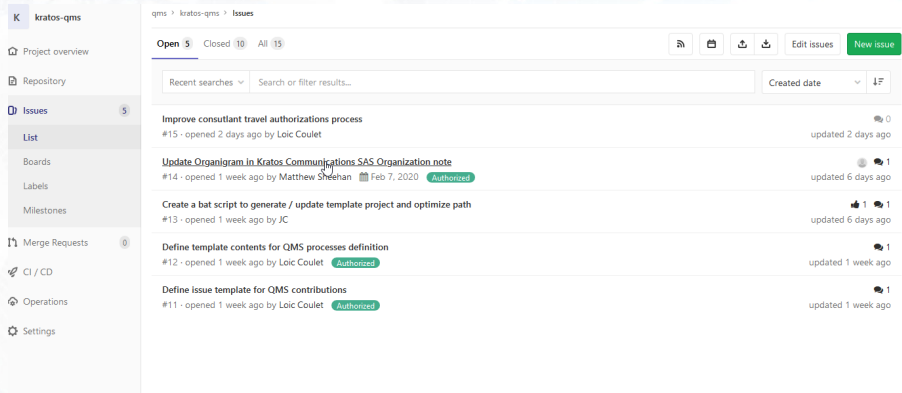
Labels Labels

Weight Enter a number

Submit issue **Cancel**

Figure: 1. Title, 2. Description, 3. Submit

Commenting on an issue



The screenshot displays the 'Issues' section of the 'kratos-qms' project. The left sidebar contains navigation links: Project overview, Repository, Issues (5), List, Boards, Labels, Milestones, Merge Requests (0), CI / CD, Operations, and Settings. The main content area shows a list of issues. The first issue is 'Improve consultant travel authorizations process' (#15), opened 2 days ago by Loic Coulet. The second issue is 'Update Organigram in Kratos Communications SAS Organization note' (#14), opened 1 week ago by Matthew Sheehan, with a date of Feb 7, 2020, and an 'Authorized' status. The third issue is 'Create a bat script to generate / update template project and optimize path' (#13), opened 1 week ago by JC. The fourth issue is 'Define template contents for QMS processes definition' (#12), opened 1 week ago by Loic Coulet, with an 'Authorized' status. The fifth issue is 'Define issue template for QMS contributions' (#11), opened 1 week ago by Loic Coulet, with an 'Authorized' status. Each issue entry includes a title, ID, opening date, author, and update status. The interface also features a top navigation bar with 'Open' (5), 'Closed' (10), and 'All' (15) filters, and a search bar with 'Recent searches' and 'Search or filter results...'. A 'Created date' dropdown and a 'New issue' button are also visible.

kratos-qms

Project overview

Repository

Issues 5

List

Boards

Labels

Milestones

Merge Requests 0

CI / CD

Operations

Settings

qms > kratos-qms > Issues

Open 5 Closed 10 All 15

Recent searches Search or filter results...

Created date

Improve consultant travel authorizations process

#15 · opened 2 days ago by Loic Coulet

updated 2 days ago

Update Organigram in Kratos Communications SAS Organization note

#14 · opened 1 week ago by Matthew Sheehan Feb 7, 2020 Authorized

updated 6 days ago

Create a bat script to generate / update template project and optimize path

#13 · opened 1 week ago by JC

updated 6 days ago

Define template contents for QMS processes definition

#12 · opened 1 week ago by Loic Coulet Authorized

updated 1 week ago

Define issue template for QMS contributions

#11 · opened 1 week ago by Loic Coulet Authorized

updated 1 week ago

Commenting on an issue

Update Organigram in Kratos Communications SAS Organization note

Phil Carrai sent out a new organisational chart (organigramme) recently. This should be added to/updated in the Kratos Communications SAS Organization note.

As I am unsure whether it completely replaces the existing, I am not assigning this task to myself.

Related issues 0 +



0



0



Show all activity

Create merge request



Mathieu Sambuq @Mathieu.Sambuq · 6 days ago

Maintainer



Good idea Matthew, Nacera will update the organization note.



Mathieu Sambuq @Mathieu.Sambuq changed due date to February 07, 2020 6 days ago



Mathieu Sambuq @Mathieu.Sambuq assigned to @Nacera.Sahraoui 6 days ago



Mathieu Sambuq @Mathieu.Sambuq added **Authorized** label 6 days ago



Write Preview



Text

1

Markdown and quick actions are supported

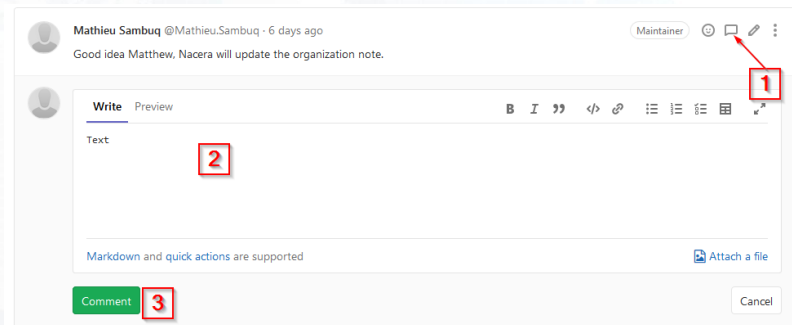
Attach a file

2

Comment

Comment & close issue

Commenting a comment



Issue manipulation

K **kratos-qms**

Project overview

Repository

Issues 1 99

List

Boards 2

Labels

Milestones

Merge Requests 0

CI / CD

Operations

Project Analytics

qms > kratos-qms > Issues

Open 99 Closed 12 All 111

Recent searches ▾

Search or filter results...

Add links to homepage on each QMS process page

#110 · opened 2 days ago by Matthew Sheehan

Proposals & Contracts idee 18

#109 · opened 1 week ago by Matthieu Potier

Proposals & Contracts idee 17

#108 · opened 1 week ago by Matthieu Potier

Proposals & Contracts idee 16

#107 · opened 1 week ago by Matthieu Potier

Proposals & Contracts idee 15

#106 · opened 1 week ago by Matthieu Potier

Proposals & Contracts idee 14

#105 · opened 1 week ago by Matthieu Potier

Issue manipulation

The screenshot displays two panels from a Jira interface. The left panel, titled "Open", shows a list of issues. The right panel, titled "Authorized", shows a list of issues. A red box with the number "1" is placed over the third issue in the left panel, with a red arrow pointing to the right panel.

Open Panel:

- Issue 1: Déplacements des Consultants idee 1 (#17)
- Issue 2: Create a bat script to generate / update template project and optimize path (#13)
- Issue 3: Déplacements des Consultants idee 2 (#18) - **1**
- Issue 4: Deplacement des consultants idee 3 (#19)
- Issue 5: Deplacement des consultants idee 4 (#20)

Authorized Panel:

- Issue 6: Define template contents for QMS processes definition (#12)
- Issue 7: Define issue template for QMS contributions (#11)

Issue manipulation

The screenshot displays the KROTOS interface with three numbered steps for issue manipulation:

- Step 1:** A red box highlights the issue title "define template contents for QMS processes definition" in the "Authorized" section.
- Step 2:** A red box highlights the "Edit" button in the "Assignees" section, which currently shows "0 Assignees".
- Step 3:** A red box highlights the user "Bruno Destrez" in the "Assign to" dropdown menu.

The interface also shows a list of issues in the "Implementing" section, including "Update Organigram in Kratos Organization note" and "Improve consultant travel a".

- 1 Click in the issue
- 2 Click on Edit in Assignees section
- 3 Select people

Second step

The second step is to edit what needs to be change.

For this there is two solution presented in:

- 1 Editing one file at time (easiest)
- 2 Using the gitlab Web IDE (hardest)

Update Organigram in Kratos Communications SAS Organization note

Phil Carrai sent out a new organisational chart (organigramme) recently. This should be added to/updated in the Kratos Communications SAS Organization note.

As I am unsure whether it completely replaces the existing, I am not assigning this task to myself.

Related issues

0



0



0



Show all activity

Create branch



Create merge request and branch

✓ Create branch

Branch name

14-update-organigram-in-kratos-

Source (branch or tag)

master

Create branch

3



Mathieu Sambuq @Mathieu.Sambuq · 6 days ago

Good idea Matthew, Nacera will update the organization note.



Write Preview

B I ”

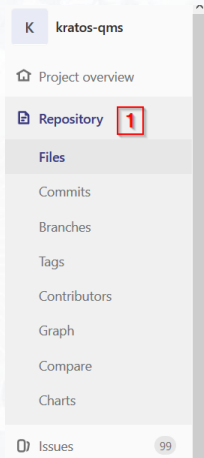
Text

Editing one file

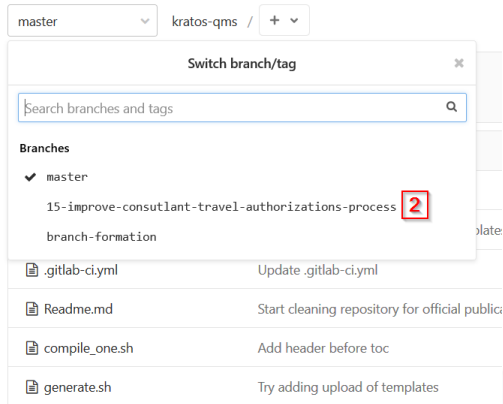
Gitlab let you the possibility to edit the file one at a time.

In this configuration, every time a file is saved, a commit is generated.

Editing one file - Branch creation



qms > kratos-qms > Repository



Editing one file - File selection

15-improve-cons... ▾


kratos-qms / + ▾

History

🔍 Find file

Web IDE


📄 ▾



Update Deplacement_Constantants_Process.md
Elise Rigal authored 3 days ago

e53c75cd 📄

Name	Last commit	Last update
📁 script	Add basic sample for test	3 months ago
📁 source	Update Deplacement_Constantants_Process.md	3 days ago
📄 .gitlab-ci.yml	Update .gitlab-ci.yml	2 months ago
📄 Readme.md	Start cleaning repository for official publication	1 month ago
📄 compile_one.sh	Add header before toc	2 months ago
📄 generate.sh	Try adding upload of templates	1 month ago
📄 push_to_nexus.sh	Update push_to_nexus.sh	1 month ago

 **Readme.md**

Browse to find the file you want to edit.

Note: All processes are under source. All image are under source/Images.

Editing one file - File selection

Information ▾ kratos-qms / source / **QMS.md** 🔍 Find file Blame History Permalink

Update QMS.md
Mathieu Sambuq authored 3 weeks ago f6b198d8 📄

MS.md 13.6 KB 📄

⏮ 📄 **Edit** Web IDE Replace Delete 📄 📄 📄

% Quality Management System

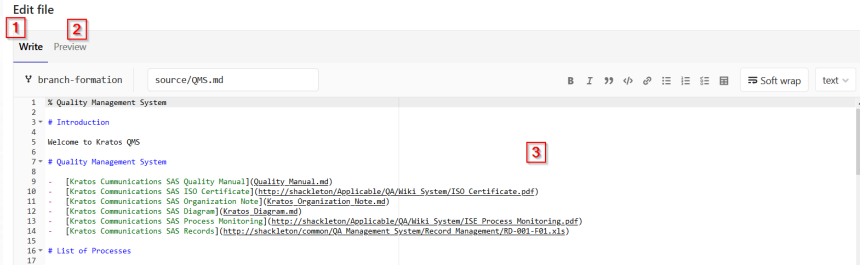
Introduction

Welcome to Kratos QMS

Quality Management System

- [Kratos Communications SAS Quality Manual](Quality_Manual.md)
- [Kratos Communications SAS ISO Certificate](http://shackleton/Applicable/QA/Wiki System/ISO Certificate.pdf)
- [Kratos Communications SAS Organization Note](Kratos Organization Note.md)

Editing one file - File edition



- 1 Code edition mode
- 2 Preview mode
- 3 Edition zone

Editing one file - File commit

Commit message	Update QMS.md 1
Target Branch	branch-formation
<div>Commit changes 2</div> <div>Cancel</div>	

Editing one file - Add file

The screenshot shows the Kratos QMS repository interface. On the left sidebar, the 'Repository' tab is selected (1). The main area shows the 'branch-formation' branch (2) for the 'kratos-qms' repository. A dropdown menu is open (3) from the '+' button, showing options: 'This directory', 'New file', 'Upload file' (4), and 'New directory'. The 'Upload file' option is highlighted. Below the menu, a table lists repository files and their last update times.


Name	Last update
script	3 months ago
source	1 week ago
.gitlab-ci.yml	2 months ago
Readme.md	1 month ago

Note: Select the right branch (2) before uploading the file.

Editing one file - Add file

15-improve-cons... ▾ kratos-qms / + ▾

History 🔍 Find file Web IDE 📄 ▾

 **Update Deplacement_Constantants_Process.md**
Elise Rigal authored 3 days ago e53c75cd 📄

Name	Last commit	Last update
📁 script	Add basic sample for test	3 months ago
📁 source	Update Deplacement_Constantants_Process.md	3 days ago
📄 .gitlab-ci.yml	Update .gitlab-ci.yml	2 months ago
📄 Readme.md	Start cleaning repository for official publication	1 month ago
📄 compile_one.sh	Add header before toc	2 months ago
📄 generate.sh	Try adding upload of templates	1 month ago
📄 push_to_nexus.sh	Update push_to_nexus.sh	1 month ago

📄 **Readme.md**

Browse to the directory you want to add the file to.

Editing one file - Add file

Upload New File

×

1

Attach a file by drag & drop or [click to upload](#)

Commit message

Upload New File

2

Target Branch

branch-formation

Upload file

3

Cancel

Note: Drag and drop from file explorer to the zone 1.

Gitlab Web IDE

Gitlab provides with its web interface an Integrated Development Environment that allows to modify several files at the same time and to make more precise commit.

K

kratos-qms

1

Project overview

Details

Activity

Releases

Cycle Analytics

Repository

Issues 5

Merge Requests 0

CI / CD

Operations

Settings

qms > kratos-qms > Details

You pushed to **branch-formation** at **qms / kratos-qms** just now

Create merge request

K

kratos-qms

Project ID: 730 | [Leave project](#)

🔔

☆ Star 0

🍴 Fork 0

📄 Clone

🔗 278 Commits

🌿 2 Branches

🏷️ 0 Tags

📁 23.3 MB Files

master

kratos-qms /

+

History

🔍 Find file

Web IDE

📄

👤

Update Kratos_Organization_Note.md

Nacera Sahraoui authored 2 days ago

✓

837daa98

📄

📖 README

📄 CI/CD configuration

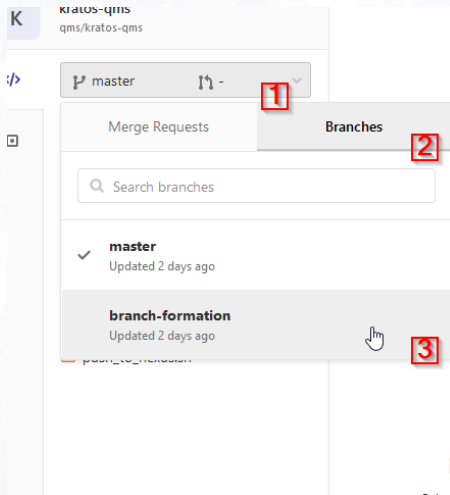
📄 Add LICENSE

📄 Add CHANGELOG

📄 Add CONTRIBUTING

📄 Add Kubernetes cluster

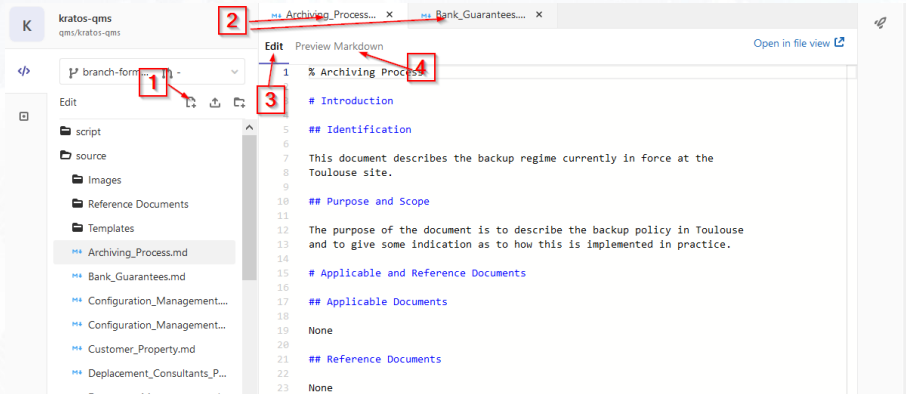
Name	Last commit	Last update
📁 script	Add basic sample for test	2 months ago
📁 source	Update Kratos_Organization_Note.md	2 days ago
📄 .gitlab-ci.yml	Update .gitlab-ci.yml	1 month ago



Make and review changes in the browser with the

Select a file from the left sidebar to begin editing. Afterwards, you'll be able to

Gitlab Web IDE - Modify the code



- 1 New file
- 2 Tab navigation
- 3 Code edit view
- 4 Preview

Gitlab Web IDE - Commit code on branch

The screenshot displays the Gitlab Web IDE interface. On the left, a file explorer shows the project structure for 'kratos-qms'. The file 'Configuration_Management.md' is selected. On the right, the code editor shows the content of this file. The document is titled '% Configuration Management' and includes an introduction, a list of management practices, and a section on deliverable systems. A red box highlights the 'Commit...' button in the bottom left corner of the interface.

File Explorer (Left):

- script
- source
 - Images
 - Reference Documents
 - Templates
 - Archiving_Process.md
 - Bank_Guarantees.md
 - Configuration_Management...**
 - Configuration_Management...
 - Customer_Property.md
 - Displacement_Consultants_P...
 - Document_Management.md
 - Document_Publication.md
 - Human_Resources.md
 - Infrastructure.md
 - Infrastructure_Unavailability_...

Code Editor (Right):

```
1 % Configuration Management
2
3 # Introduction
4
5 This document is intended to give a general framework around Configuration Management
6 (CM) practices for Kratos Communication offices in Toulouse, Oslo and Singapore. Its
7 principles shall be applied to both in-house business systems, such as:
8
9 - Management of internal documentation, for example:
10   - Quality and process documentation (including this document)
11   - Internal reports
12   - HR, Financial reports and documentation
13 - Inventory of
14   - Hardware (computers, satellite communications equipment, etc.)
15 - Archives
16
17 and all deliverable systems, such as:
18
19 - Business stage deliverables like offers and proposals
20 - Project stage deliverables such as hardware and software systems
21 - Administrative stage deliverables, such as invoicing, purchasing, shipping reports
22 and details
23
24 In short, any Kratos system whose consistent performance is important and where the
25 components are configurable, particularly by more than one person. Such systems include
26 sets of documents requiring regular updates, or hardware installations with parts that
27 require repair or replacement, and software, be it a single application, or a system of
28 several or hundreds of components running together.
29
30 ## What is Configuration Management?
31
32 Configuration Management (CM) is a process to establish and maintain the consistency of
33 a product's performance, to stay in-line with its requirements, design, and operational
34 information throughout its life.
35
36 That is, it is the practice of handling changes systematically so that a system
37 maintains its integrity over time.
```

Bottom Bar:

Commit... **1**

2 unstaged and 0 staged changes

Gitlab Web IDE - Commit code on branch

The screenshot shows the Gitlab Web IDE interface for a project named 'kratos-qms'. The left sidebar contains a file explorer and two lists of changes: 'Unstaged changes' and 'Staged changes'. In the 'Unstaged changes' list, the file 'Archiving_Process.md' is highlighted with a red box labeled '1'. In the 'Staged changes' list, the file 'Configuration_Management.md' is highlighted with a red box labeled '2'. At the bottom of the sidebar, a blue button labeled 'Commit...' is highlighted with a red box labeled '3'. The top right of the editor area has 'Discard' and 'Unstage' buttons. The main editor area displays the content of 'source/Configuration_Management.md', which includes a list of deliverables and a section on Configuration Management (CM).

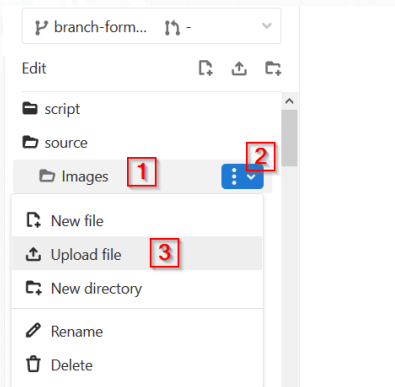
- 1 Add file to commit
- 2 File in commit
- 3 Commit

Gitlab Web IDE - Commit code on branch

The screenshot shows the Gitlab Web IDE interface. On the left, the 'Staged changes' section is visible, showing a file named 'Configuration_Management'. Below it, the 'Commit Message' field is highlighted with a red box labeled '1'. The commit message is 'Fix typo'. Below the message field, there are three options: 'Commit to branch' (selected, highlighted with a red box labeled '2'), 'Create a new branch' (unselected), and 'Start a new merge request' (unselected, highlighted with a red box labeled '3'). At the bottom left, the 'Commit' button is highlighted with a red box labeled '4'. The right pane shows the code diff, with line numbers 6 through 35 visible. The code includes sections for 'Management of internal documentation', 'Inventory of', 'Business stage deliverables', 'Project stage deliverables', 'Administrative stage deliverables', and 'Document Management'.

- 1 Enter commit message
- 2 Select commit on your branch
- 3 Unclick start merge request
- 4 Click commit

Gitlab Web IDE - Upload file



- 1 Select folder
- 2 Click on arrow
- 3 Select upload file
- 4 Select the file you want to upload

Third step

The third step is to submit a merge request for review.

Start merge request

The screenshot shows the 'Merge Requests' page in the Kratos application. The left sidebar contains a navigation menu with the following items: 'K kratos-qms', 'Project overview', 'Repository', 'Issues', 'Merge Requests' (highlighted with a red box and the number '1'), 'CI / CD', 'Operations', and 'Settings'. The main content area is titled 'qms > kratos-qms > Merge Requests' and displays the message 'You pushed to `branch-formation` just now'. Below this, there are filters for 'Open 0', 'Merged 7', 'Closed 3', and 'All 10'. A search bar with the placeholder 'Search or filter results...' is present, along with a 'Recent searches' dropdown. On the right side of the main content area, there are two buttons: 'Create merge request' (blue) and 'New merge request' (green). A red box with the number '2' is placed over the 'Create merge request' button, with a red arrow pointing to it. Below the main content area, there is a large, stylized illustration of a computer monitor displaying a code diff with orange and blue lines, and two speech bubbles with icons of people's faces.

Kratos

Start merge request

K kratos-qms

Project overview

Repository

Issues 5

Merge Requests 0

CI / CD

Operations

Settings

qms > kratos-qms > Merge Requests > New

New Merge Request

Source branch

qms/kratos-qms

branch-formation



Fix typo

Serrière Guillaume authored 4 minutes ago

96f038ce



Compare branches and continue



Target branch

qms/kratos-qms

master



Update

Kratos_Organization_Note.md

Nacera Sahraoui authored 3 days ago



837daa98



- 1 Select your branch
- 2 Select master
- 3 Continue

Start merge request

New Merge Request

From `branch-formation` into `master` [Change branches](#)

Title

Fix typo

1

Start the title with `WIP:` to prevent a **Work In Progress** merge request from being merged before it's ready.
Add [description templates](#) to help your contributors communicate effectively!

Description

Write Preview

B *I* U `</>`

Describe the goal of the changes and what reviewers should be aware of.

2

[Markdown](#) and [quick actions](#) are supported

[Attach a file](#)

Assignee

3

assigned

▼

[Assign to me](#)

- 1 Merge request title
- 2 Description
- 3 Assign people (for notification)

Start merge request

The screenshot shows a web interface for creating a merge request. At the top, there is a green button labeled "Submit merge request" and a "Cancel" button. Below this, there are tabs for "Commits 1" and "Changes 1". The "Changes" tab is selected, showing a diff view of a file named "source/Configuration_Management.md". The diff shows a change on line 13, where a line is being added. The interface also indicates "Showing 1 changed file" with "1 addition" and "1 deletion".

Submit merge request

Cancel

Commits 1 Changes 1

Showing 1 changed file with 1 addition and 1 deletion

Inline Side-by-side

source/Configuration_Management.md View file @ 96f038ce

```
... @@ -10,7 +10,7 @@ This document is intended to give a general framework around Configuration Manag
10 10 - HR, Financial reports and documentation
11 11 - Inventory of
12 12 - Hardware (computers, satellite communications equipment, etc.)
13 13 - Archives
14 14 + Archives
15 15 and all deliverable systems, such as:
16 16
... ..
```

- 1 Create merge request
- 2 Change review

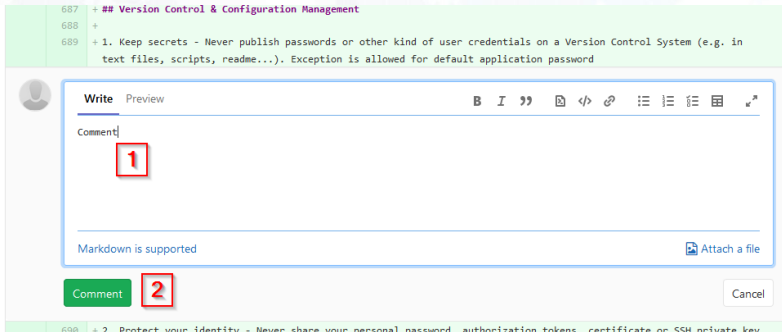
Merge request comment

679	679	
680	680	4. Commits artefacts usually do not need to be generated
	681	+
	682	+ 5. Ensure the build steps are repeatable (so it is possible to rebuild a specific version of the software)
	683	+
	684	+
	685	+ # Security Guidelines
	686	+
	687	+ ## Version Control & Configuration Management
	688	+

Add a comment to this line

		crets - Never publish passwords or other kind of user credentials on a Version Control System (e.g. in text files, scripts, readme...). Exception is allowed for default application password
	690	+ 2. Protect your identity - Never share your personal password, authorization tokens, certificate or SSH private key with others
	691	+ 3. In GitLab always create private groups and projects and then authorize the required persons - exceptions for public information. **Public** and **internal** projects are **visible to everybody**
	692	+ 4. Manage the versions of third-party software artifacts - So you build using specific in-control versions of third-

Merge request comment



The screenshot shows a code editor with a merge request comment form overlaid. The code in the background includes a section header '## Version Control & Configuration Management' and a list item '+ 1. Keep secrets - Never publish passwords or other kind of user credentials on a Version Control System (e.g. in text files, scripts, readme...). Exception is allowed for default application password'. The comment form has a 'Write' tab, a rich text editor toolbar, and a text area containing the word 'Comment'. A red box with the number '1' is placed over the text area. Below the text area is a 'Comment' button, also highlighted with a red box and the number '2'. A 'Cancel' button is located to the right of the 'Comment' button. The text 'Markdown is supported' and an 'Attach a file' link are also visible in the form.

- Comment zone
- Post comment

Merge request comment



Serrière Guillaume @guillaume.serriere · 1 week ago

Resolved by [Loic Coulet](#) 1 week ago

Owner



It might be a good idea to say to avoid using non official version of library or docker image for example.

And to also limit the dependency (especially in node.js)

▼ Collapse replies



Loic Coulet @LoicCoulet · 1 week ago

Yes. Done

Developer



Write Preview

B

I

”



Response



Markdown and quick actions are supported

Attach a file



Comment

Comment & unresolve thread

Cancel

- Reply zone
- Post reply