Authentification double Facteurs

La plateforme GitLab est une plateforme de gestion de version de code accessible depuis Internet.

L'authentification permettant d'accéder à cette plateforme est basée sur un couple login/mot de passe qui est considéré comme un système d'authentification dit faible.

Afin de renforcer le niveau de sécurité de l'authentification, nous vous recommandons d'activer l'authentification double facteur permis par cette plateforme.

Dès l'activation de cette fonctionnalité, votre authentification à la plateforme sera alors permise après validation de 2 authentifications:

- 1. une saisie de vos identifiants (login / mot de passe)
- 2. une saisie d'un code TOTP (Time-based One Time Password)

Le protocole TOTP (Time-based One-Time Password) est un moyen d'authentification qui se présente sous la forme d'un mot de passe à usage unique (OTP).

Activer l'authentification double facteur

Depuis l'interface Web de GitLab (https://gitlab.uphf.fr) et après votre authentification login/mot de passe, allez dans le menu de votre profil et sélectionnez "**Preferences** \rightarrow **Account**"



ou cliquez sur cette URL https://gitlab.uphf.fr/-/profile/two_factor_auth

Vous arrivez sur cette interface où vous pouvez cliquer sur "Enable two-factor authentication"

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Cette dernière action vous permet de récuperer:

- 1 QR-Code pour l'integration depuis un smartphone (ex: integre dans IOS ou ajout d'application tiers freeotp ou Freeotp+)
- une clef pour l'intégration depuis un logiciel dit client lourds (ex: Winauth)

Après création de votre entrée dans votre logiciel OTP, saisissez le code TOTP dans la case de test "Pin Code" et cliquez sur **"Register with two-factor app"**

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 Account Applications Chat Access Tokens Emails Notifications SSH Keys GPG Kays Preferences Active Sessions Authentication log 	Register Two-Factor Authenticator Use a one-time password authenticator on your mobile device or computer to enable two-factor authentication (2FA).	We recommend cloud-based mobile au your hardware device.	Can't scan the code? To add the entry manually, phone. Account gittabupht first Key: 3C3Q	Mobile, and LastPass. They can restore access if you lost provide the following details to the application on your
	Register Universal Two-Factor (U2F) Device Set up a hardware device as a second factor to sign in.	Set up new device	You need to register a two-fa	ctor authentication app before you can set up a device.
	Not all browsers support U2F devices. Therefore, we require that	U2F Devices (0)		
	you set up a two-factor authentication app first. That way you'll always be able to sign in - even when you're using an unsupported browser.		You don't have any U2F devices	registered yet.

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En cas de perte de ce logiciel, l'accès à GitLab sera possible:

- via une demande d'intervention Helpdesk pour réinitialisation de l'authentification double facteur par un administrateur de la plateforme
- via les codes de récupération proposés :

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En fin de procédure, vérifiez que l'authentification double facteur est bien validée:

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Preferences Active Sessions Authentication log	Changing your username can have unintended side effects. Learn more.	https://gitlab.uphf.fr/ Current.path:https://gitlab.uphf.fr						
	Delete account	Deleting an account has the following effects: • Certain user content will be moved to a system-wide "Ghost User" in a information, please refer to the user account deletion documentation. • 7 personal projects will be removed and cannot be restored. Delete account	order to maintai	in conte	nt for po	sterity. F	or furth	ier
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Le résultat amènera alors à cette nouvelle interface lors de votre authentification:



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nter the code from the two-factor app on yo nobile device. If you've last your device, you nter one of your recovery codes.	ur may

Open source software to collaborate on code Manage git repositories with fine grained access controls that keep your

code secure. Perform code reviews and enhance collaboration with merge requests. Each project can also have an issue tracker and a wiki.

This site is only access to University staff, faculty and researcher.

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