APEREO CAS
PROJECT STATUS IN 2020

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https://fawnoos.com/misagh
Pronounced like the “r” in “Merci”
Central Authentication Service
Identity Provider, SSO, Access Management
SAML2, OAUTH, OIDC, CAS, WS-FED, etc.

Open Source, Apache v2
Since 2003!
STATISTICS & ACTIVITY
APERO CAS @ GITHUB IN 2020
HTTPS://GITHUB.COM/APERO/CAS

◆ 25 releases (2F, 8RC, 11P, 4S)
◆ New committer: Julien Huon @ Institut national de l'audiovisuel
◆ 75+ Contributors

◆ ~200K LOC, 91% Coverage
◆ 60+ integration test categories
◆ 60+ browser/user-interface tests
◆ Forks: ~3438, Stars: ~8352
RELEASES
CAS 6.3.x (v6.3.1 @ January 2021)

HTTPS://GITHUB.COM/APEREO/CAS/RELEASES

◆ Spring Boot 2.3
◆ JDK 15 Compatibility
◆ WebAuthN/FIDO2 MFA
◆ Duo Security MFA Universal Prompt
◆ QR Code AuthN
◆ Test Coverage
◆ Google Authenticator MFA - Multiple Devices
◆ Protocol Compatibility (SAML2, OIDC, etc)

Follow the releases notes here.
Your account is not registered. Use the below settings to register your device with CAS.

Secret key to register is:
554WGGV6WVLZCPPIMV47322MBPACQ7L

Confirm Account Registration

Confirm your account registration by providing a token from the authenticator app on your device. Once the token is validated, your account registration will be finalized.

Token: ...

Device Name: my-android-phone

The following devices are registered for casuser:

- youthful_boss
  - 2020-06-22T09:29:42.988402Z
  - 1592811812959

- vibrant_wilson
  - 2020-06-22T09:29:54.558781Z
  - 15928118190358

You can also register another device to use for multifactor authentication.

Your selected device for multifactor authentication is: admiring_feynman.

Token: 

You can select another device for multifactor authentication, if admiring_feynman is not your current device.

You can also register another device to use for multifactor authentication.

REGISTER
Use your registered YubiKey device(s) to authenticate.

Password:*  

LOGIN

You can also register another device to use for multifactor authentication.

REGISTER

Your device is not yet registered. Use the below form to register your device with CAS.

Token:*  

...........................

Device Name: MyYubiKeyDeviceName

REGISTER
Enter Username & Password

Username:

casuser

Password:

......

LOGIN

Login with FIDO2-enabled Device

Use your registered FIDO2-enabled device to login. To successfully perform this action, your username and device must already be registered with CAS.
QR CODE AUTHENTICATION

Enter Username & Password

Username: casuser

Password: *****

LOGIN

Login with QR Code

Scan the QR code with your mobile device to begin the login flow. If your credentials are accepted, you will automatically proceed to the next step.

Your mobile device must communicate with CAS using the following channel id.

ID: c99e6871-2842-4ea5-8042-d8d9a3fd3397

Reset your password

Forgot your username?

For security reasons, please log out and exit your web browser when you are done accessing services that require authentication!
So, this new CAS version....

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No guarantees until you open the box!
Usually, the cat is doing fine!
REMEmBER...

- **Maintenance Policy**
- **Release Policy**

<table>
<thead>
<tr>
<th>Release</th>
<th>SPM Starting Date</th>
<th>Full EOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.3.x</td>
<td>July 1st, 2021</td>
<td>December 31st, 2021</td>
</tr>
<tr>
<td>6.2.x</td>
<td>December 31st, 2020</td>
<td>June 30th, 2021</td>
</tr>
</tbody>
</table>

**EOL Schedule**

The following CAS releases will transition into a security-patch mode (SPM) only.

All previous releases absent in the above table are considered EOLed.
MOVING FORWARD
CAS 6.4.0 @ Summer 2021

https://apereo.github.io/cas/development/release_notes

◆ Spring Boot 2.4
◆ JDK Compatibility
◆ Inwebo MFA
◆ Documentation

No predefined roadmap! See Contribution Guidelines
Apereo Community Blog
https://apereo.github.io

CAS Website
https://apereo.github.io/cas

Fawnoos Blog
https://fawnoos.com/blog
Good reasons to take out a CAS Supporting Subscription this year bit.ly/cassub21 #cas #apereo
FINALLY...

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WHAT DID YOU THINK OF MY PRESENTATION?

THE SIGNAL-TO-NOISE RATIO WAS IMPRESSIVELY LOW.

ENGINEERS GIVE WEIRD COMPLIMENTS.

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