Sinadura 5 for Alfresco

"A painless digital signature addon for Alfresco"

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About me

I'm an IT/Solution Architect at zylk.net, an OOTB member working with Alfresco-based solutions during the last 8 years in large organisations. I am one of the authors of a corporate Alfresco Blog, addons developer and a very active user in Alfresco Community.

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http://www.zylk.net/alfresco-blog

What is Sinadura?

"Sinadura means signature in Basque"

- Sinadura is a **digital signature tool for Windows and Linux**, with advanced features as timestamps, OCSP validation or digital signature profiles.
- As you probably know, **java applets are not supported** in Chrome or Firefox.
- Sinadura 5 Desktop adds a mini-client designed for the web, for the replacement of java applet technology, using a **protocol-based** system registered in your OS
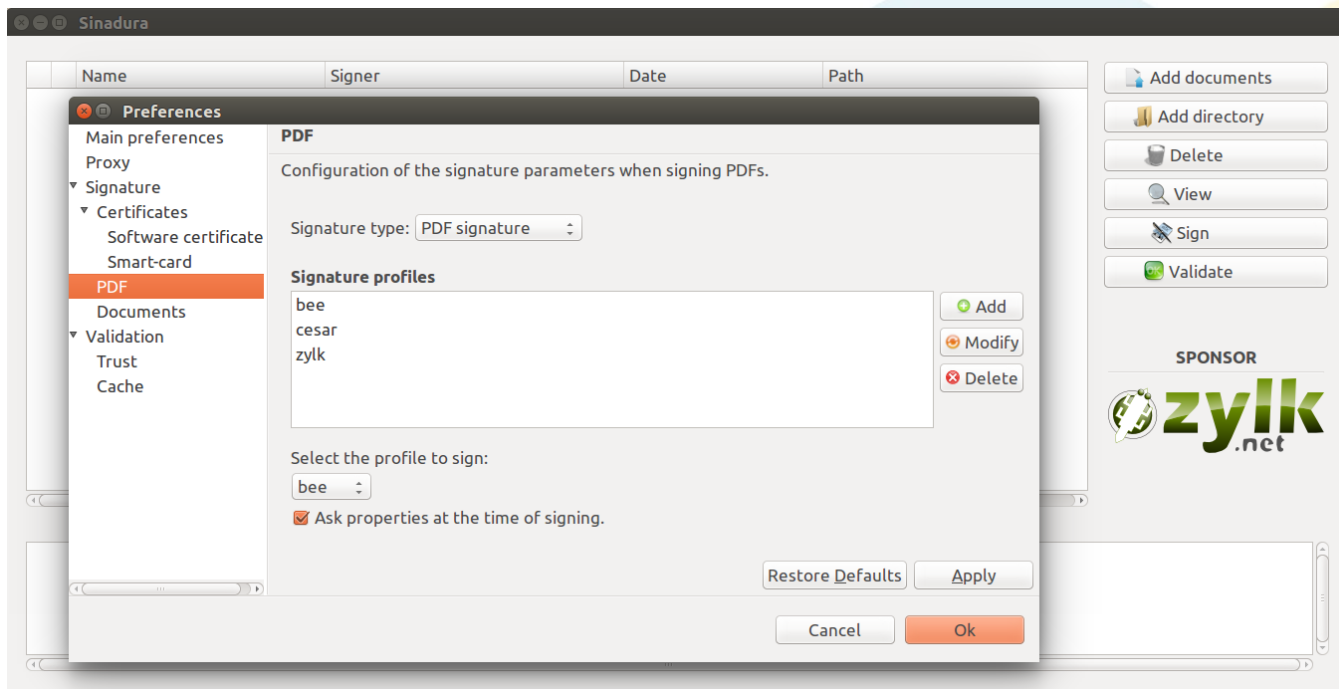
http://www.sinadura.net

What is Sinadura?

#pades #xades #timestamps #tsa #ocsp

http://www.sinadura.net
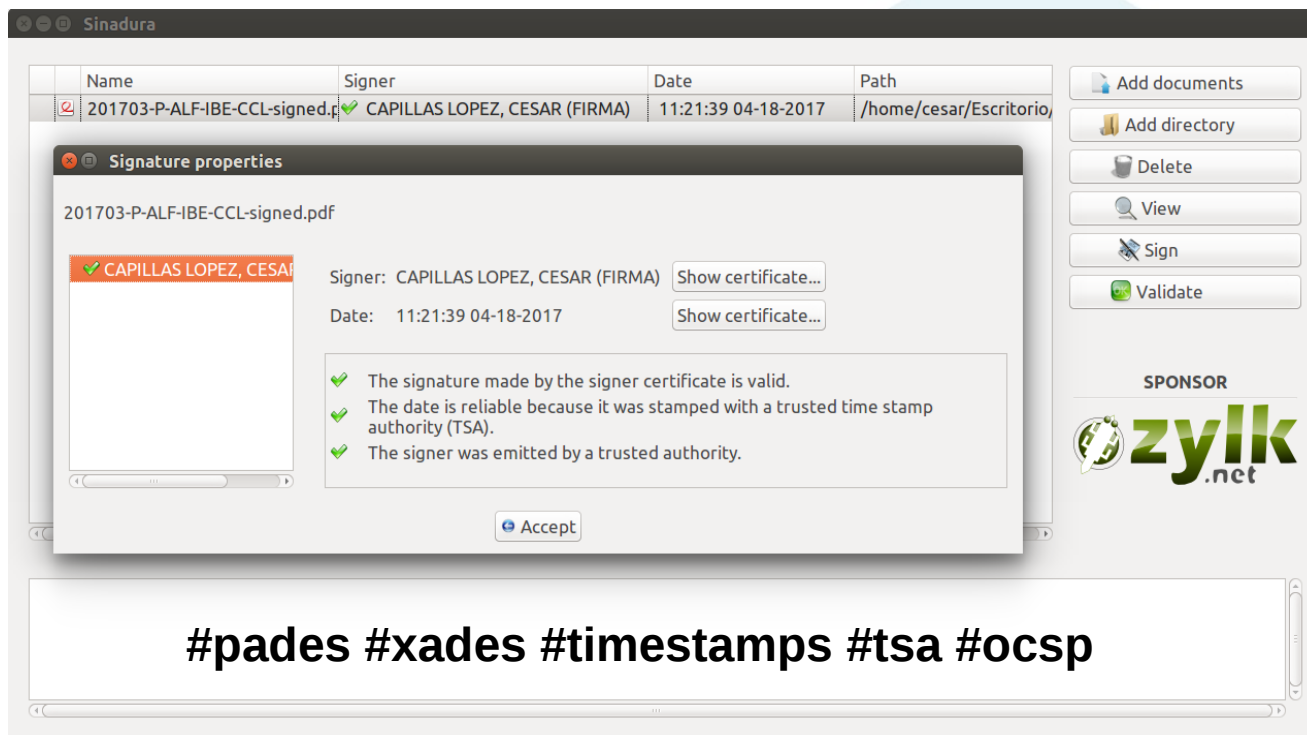
What is Sinadura?

#smartcards #software-certificates #proxy #profiles

Features

- **"Sign with Sinadura"** action in Alfresco Share client.
- Previews of the digital signatures in Alfresco Share Preview (for PDF only).
- Pades signatures for PDF files and Xades for other mimetypes.
- Advanced signature properties, such as timestamps (TSA) or digital signature validations (OCSP).
- Digital signature profiles, with customized visible stamps in any location of the document (for PDF only).

Sinadura Components
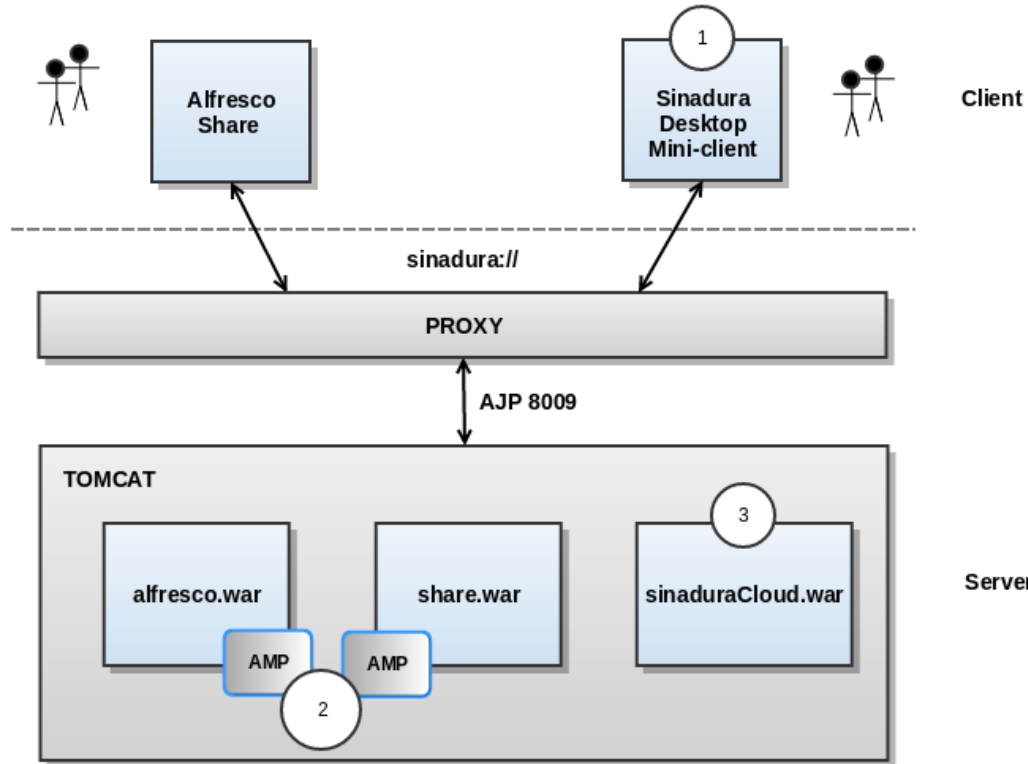
Sinadura components

1. Sinadura 5 Desktop (in your local machine):

- Sinadura 5 client works with protocol-based signatures, registered in your operating system. The digital signature protocol (sinadura://) is registered during the installation.

2. Alfresco AMPs (in Alfresco server)

3. Sinadura Cloud Services (for example, in Alfresco server):

- Sinadura Cloud Service is a 3rd party web application for digital signature (sinaduraCloud.war), which may be installed as part of your Alfresco installation, or on a different Tomcat container in a separate machine.

Installation and configuration

In the client:

- Download Sinadura 5 Desktop (for Windows or Linux) → http://www.sinadura.net
- Install your software certificates or smartcards on your OS
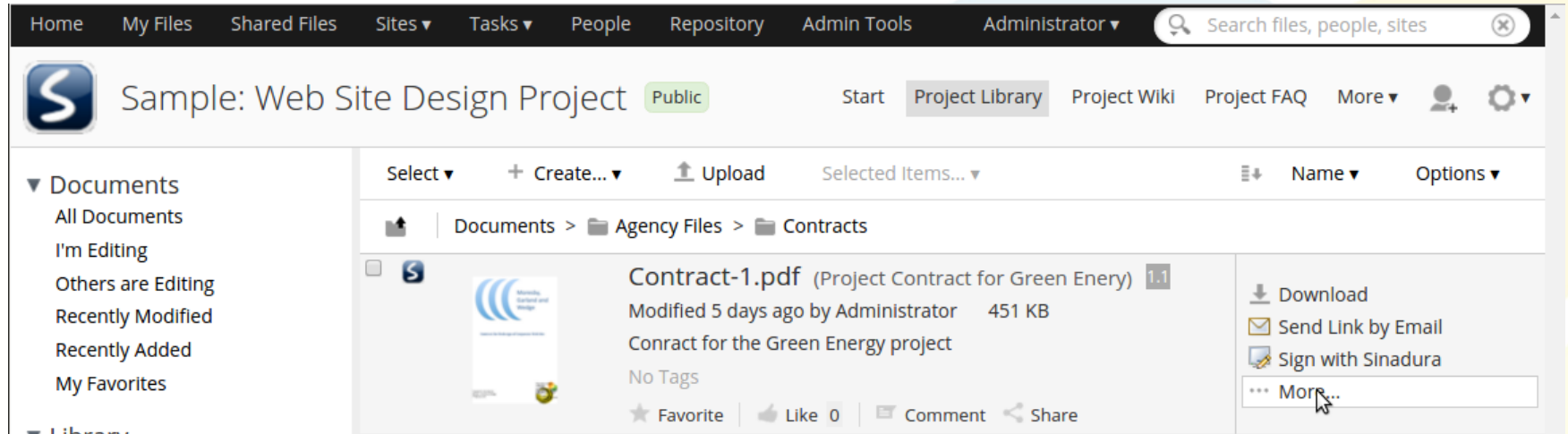- Check that Sinadura Desktop is able to sign locally

In the server:

- Install AMPs
- Copy sinaduraCloud.war into $ALF_HOME/tomcat/webapps
- Restart Alfresco service

Tested on:

- Alfresco 201602GA
- Alfresco 201702GA
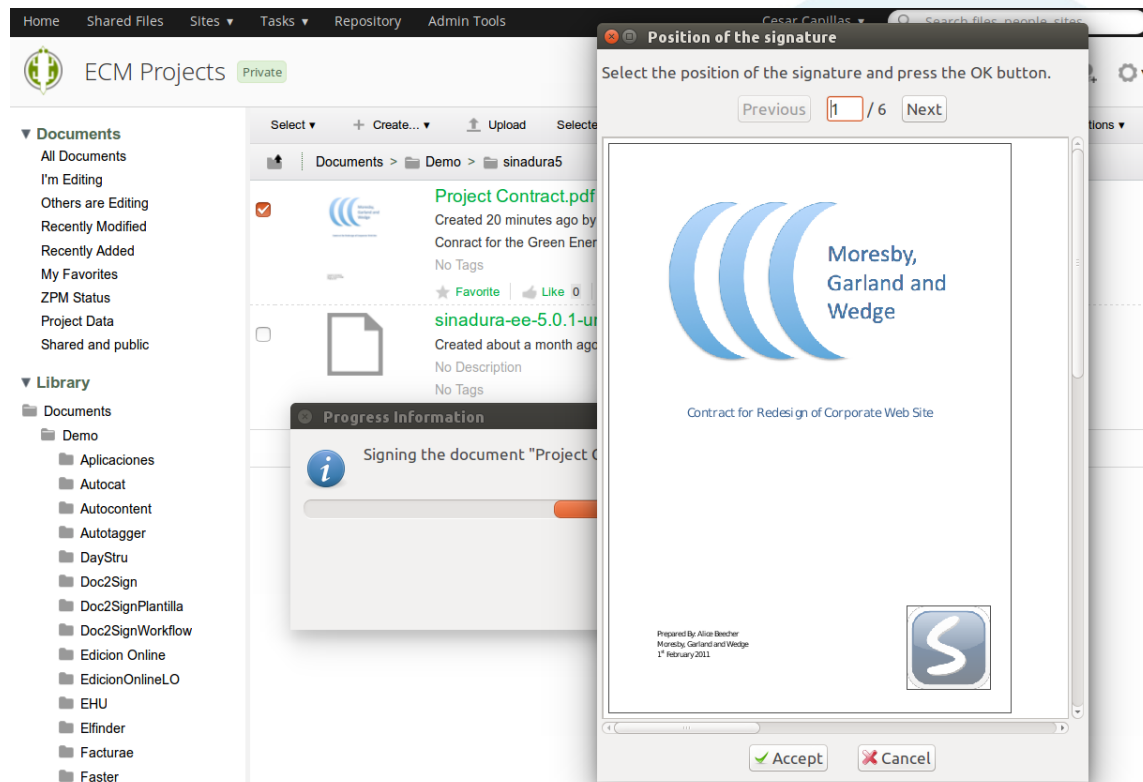- Alfresco 5.0.3 EE
- Alfresco 5.1.2 EE

Sign with Sinadura action

[*] Action available for one or multiple files

[*] Any type of document

Position of the visible stamp

[*] Only for PDFs

Previews in Alfresco Share

[*] Only for PDFs

Contributors

Sinadura addon for Alfresco

- Alfredo Sánchez
- César Capillas

Sinadura Desktop client and third party services

- Alfredo Sánchez
- Irune Prado
- Gustavo Fernández

- https://www.github.com/zylklab/sinadura-alfresco

Video Demo → https://goo.gl/tR5ZBD

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Help us to improve the addon!

Fork, share and contribute in github

- https://www.github.com/zylklab/sinadura-alfresco

#TODO

- Translate Sinadura Desktop → Thanks to Douglas C.R. Paes for Brazilian-Portuguese translation
- Make sinaduraCloud services endpoint configurable via properties or config file
- Signature evaluators
- Clustering mode

Thank you for your attention!

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http://www.github.com/zylklab/alfresco-sinadura