

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.

<https://www.linkedin.com/in/cesarcapillas>



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



What is Sinadura?

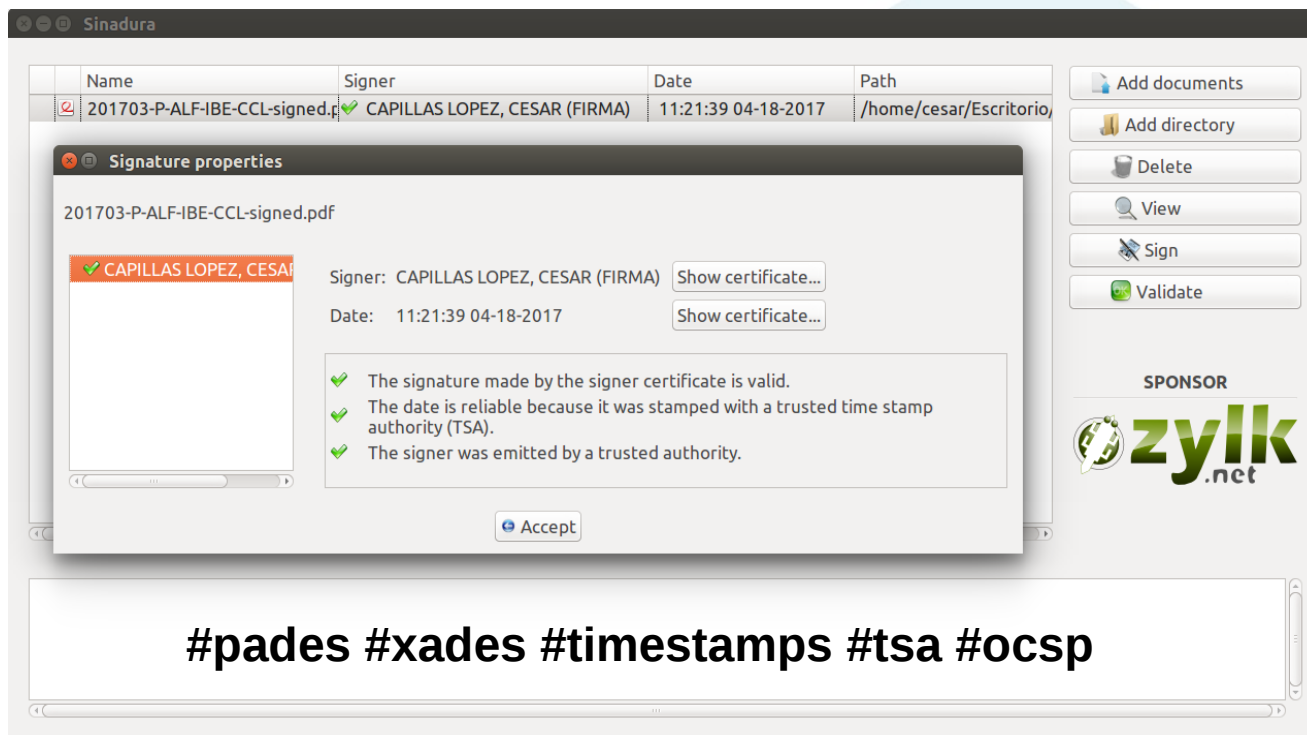
“Sinadura means signature in Basque”

- 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>



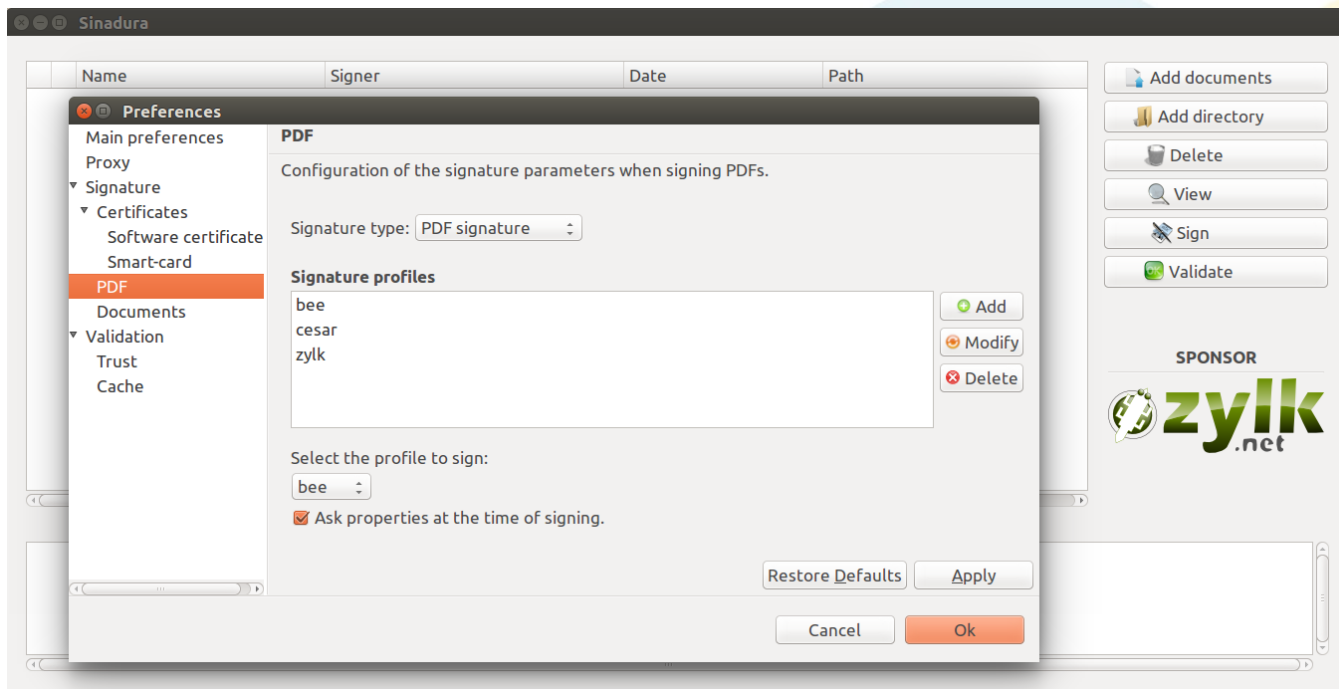
What is Sinadura?



<http://www.sinadura.net>



What is Sinadura?



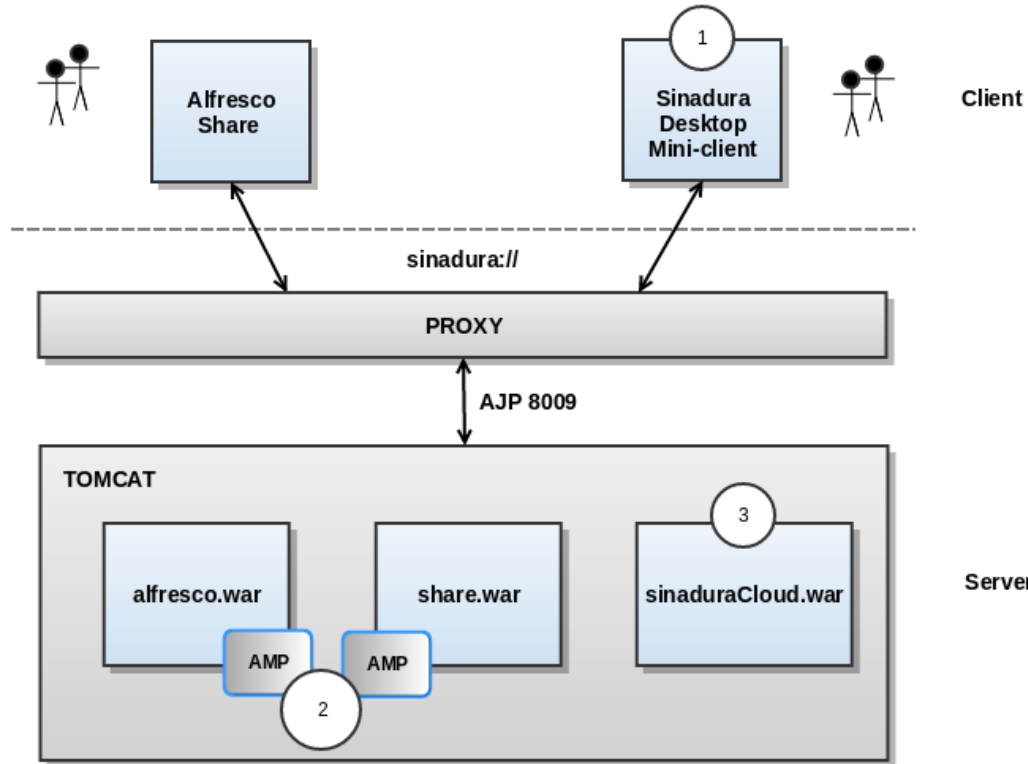
#smartcards #software-certificates #proxy #profiles



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

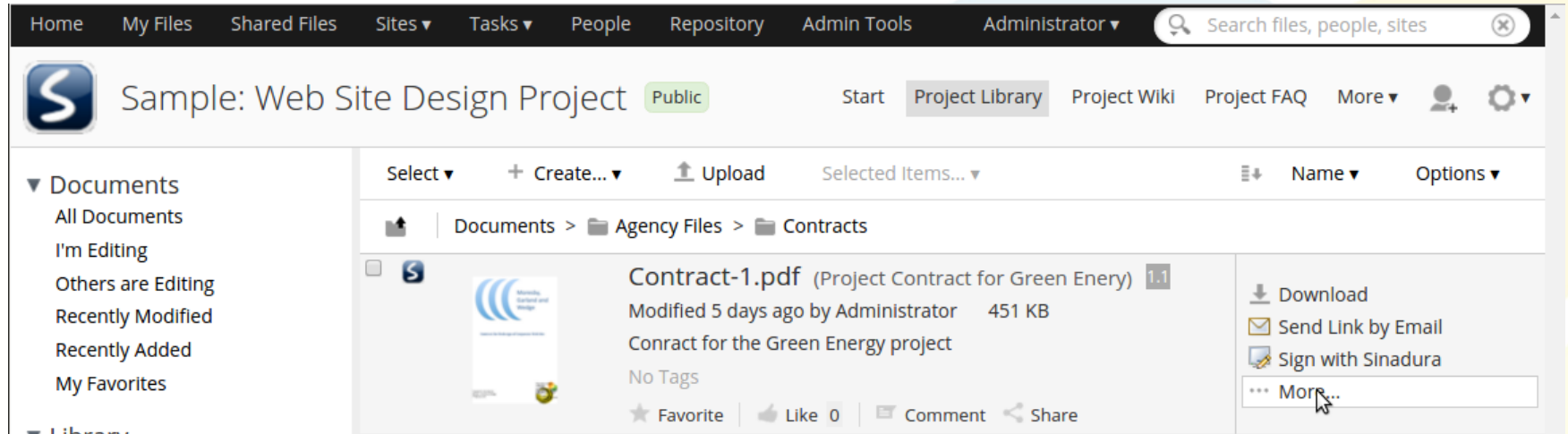
In the server:

- 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

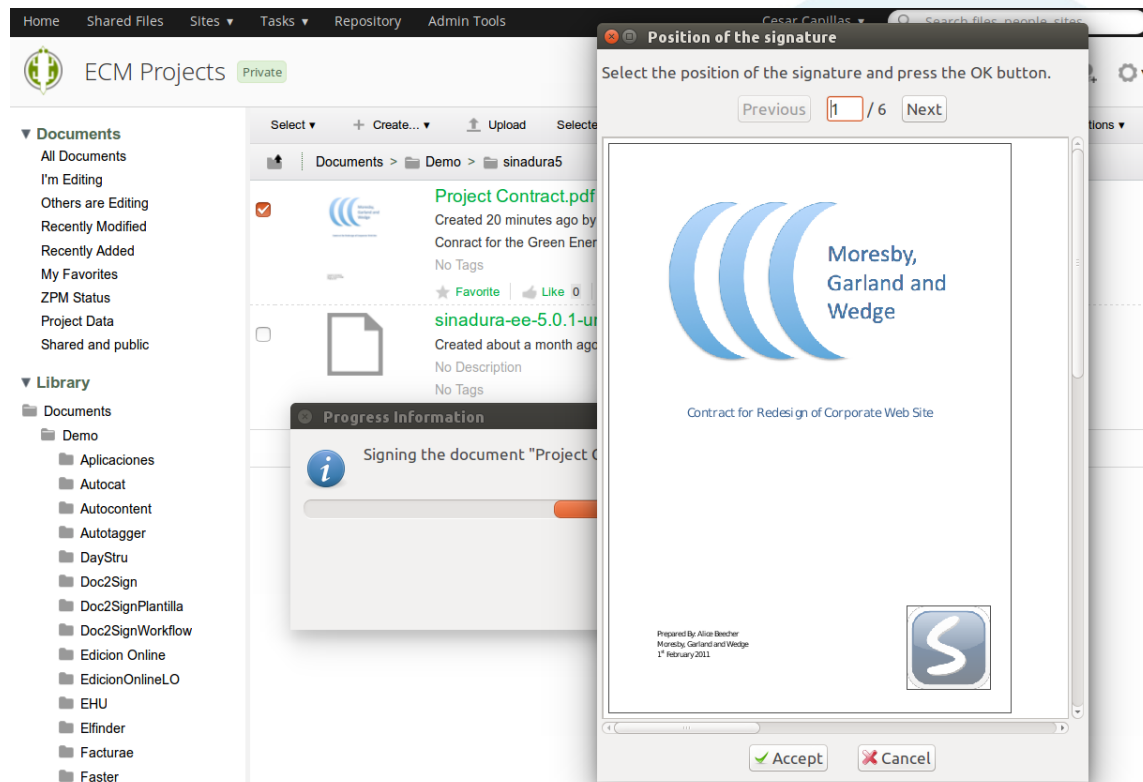


[*] Action available for one or multiple files

[*] Any type of document

Position of the visible stamp

[*] Only for PDFs



Previews in Alfresco Share

[*] Only for PDFs

The screenshot displays the Alfresco Share web interface. At the top, a navigation bar includes links for Home, Shared Files, Sites, Tasks, Repository, Admin Tools, and a user profile for Cesar Capillas. A search bar is also present. Below the navigation bar, the breadcrumb trail shows 'Documents > Demo > sinadura5'. The main content area displays a document titled 'Project Contract.pdf' (1.1), modified by Cesar Capillas on Thu 3 Nov 2016 13:48:50. The document is shown in a preview mode at 66% zoom. The preview content features a logo with three blue curved lines and the text 'Moresby, Garland and Wedge', followed by 'Contract for Redesign of Corporate Web Site'. At the bottom of the preview, there is a signature block for 'Prepared By: Mike Beacher' dated '1st February 2013' and a 'Signature Not Verified' stamp. To the right of the preview, a 'Document Actions' menu is visible, listing options such as 'View In Browser', 'Edit Offline', 'Upload New Version', 'Edit Properties', 'Move to...', 'Copy to...', 'Delete Document', 'Start Workflow', 'Manage Permissions', 'Become Owner', 'Manage Aspects', 'Change Type', 'Send Link by Email', 'Sign', 'Validate signatures', and 'Use in Javascript Console'. At the bottom of the actions menu, there is a 'Tags' section showing '(None)'.

Contributors



Sinadura addon for Alfresco

- Alfredo Sánchez
- César Capillas

Sinadura Desktop client and third party services

- Alfredo Sánchez
- Irune Prado
- Gustavo Fernández

Video Demo → <https://goo.gl/tR5ZBD>



ZYLK

Open IT Experts for Enterprise

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

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!

César Capillas <cesar at zylk.net>

@zylknet

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