

# Sinadura 5 for Alfresco

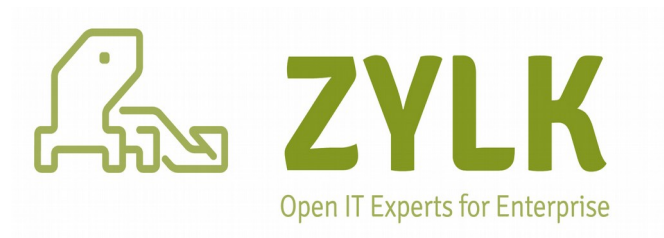
"A painless digital signature addon for Alfresco"

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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?

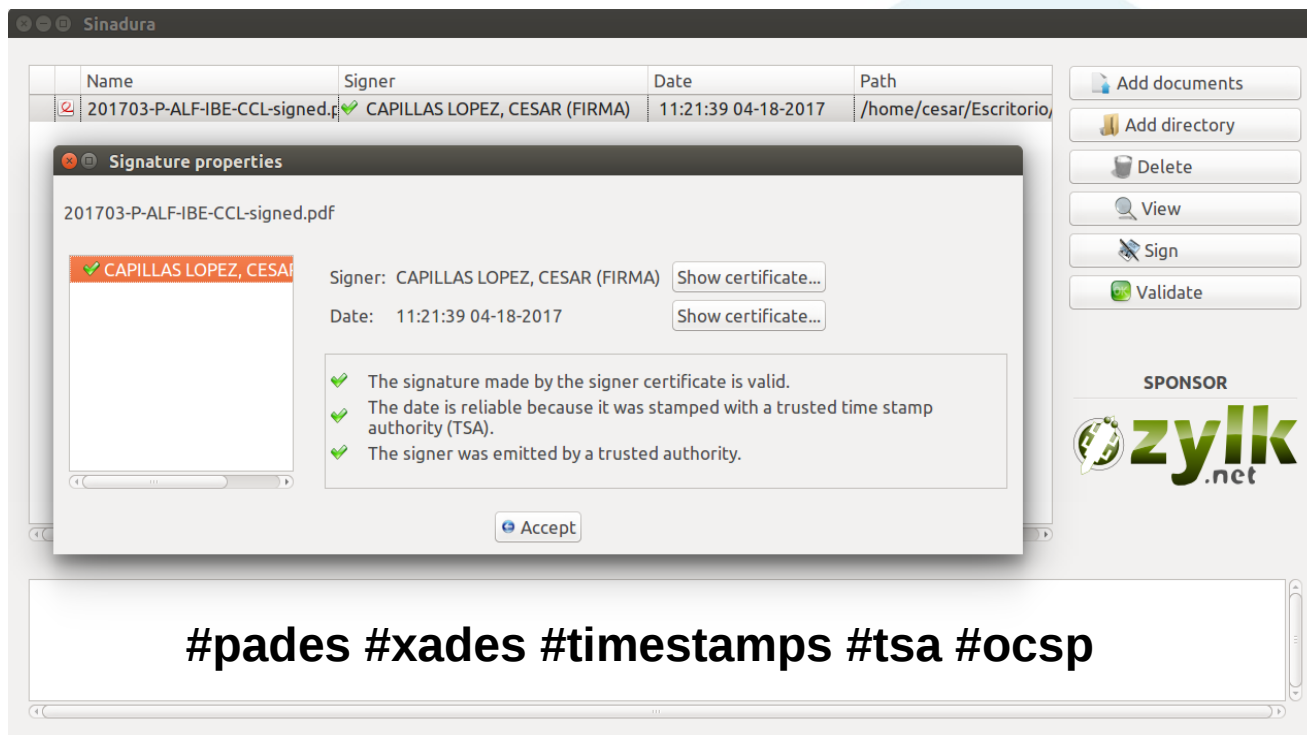
“Sinadura means signature in Basque”

- 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
- **sinadura://** URL-scheme is installed on your operating system.

<http://www.sinadura.net>



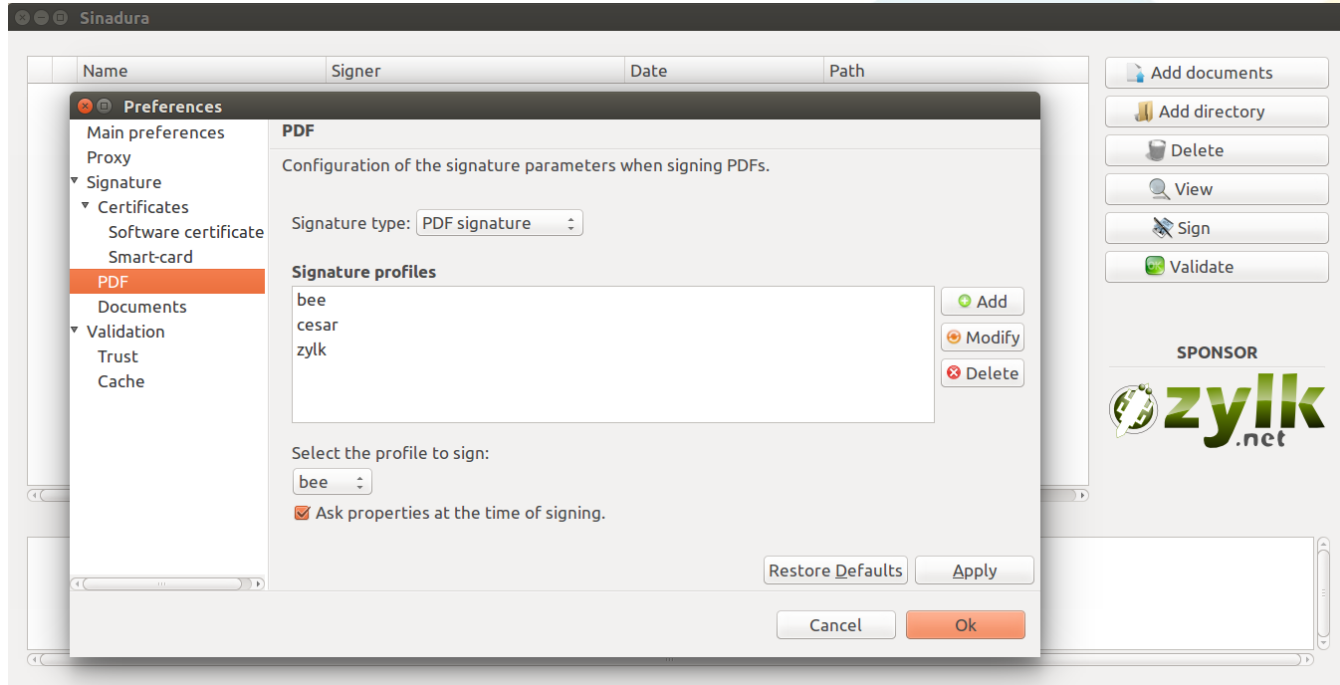
# What is Sinadura?



<http://www.sinadura.net>



# What is Sinadura?



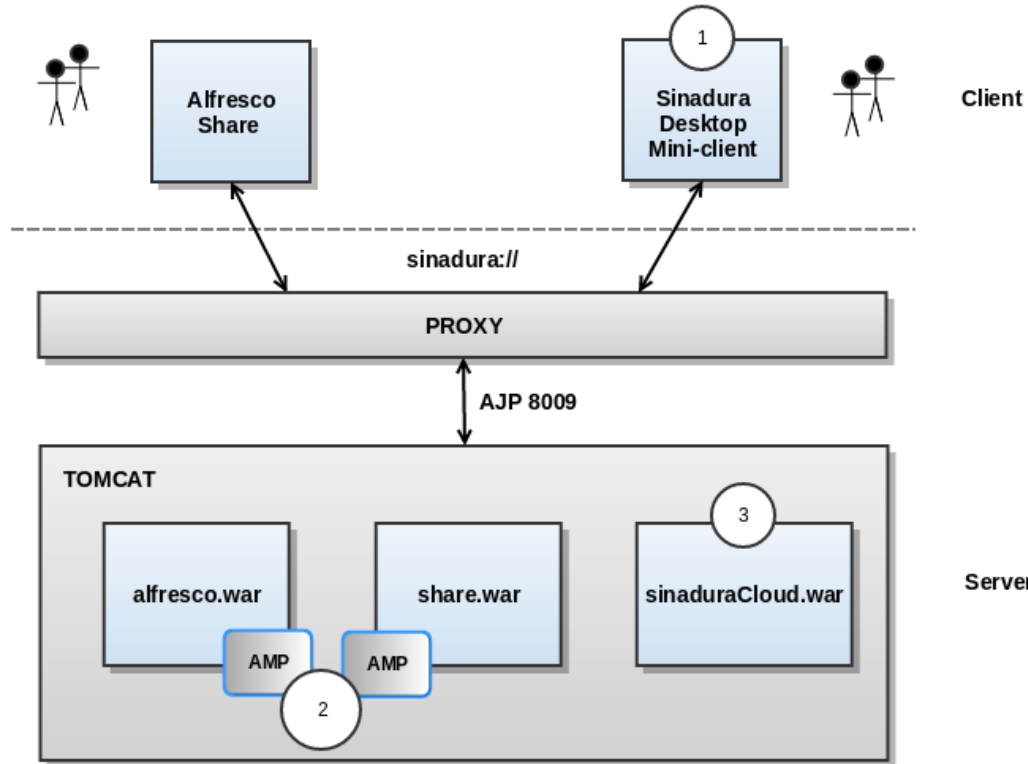
#smartcards #software-certificates #proxy #profiles



# 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 client 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

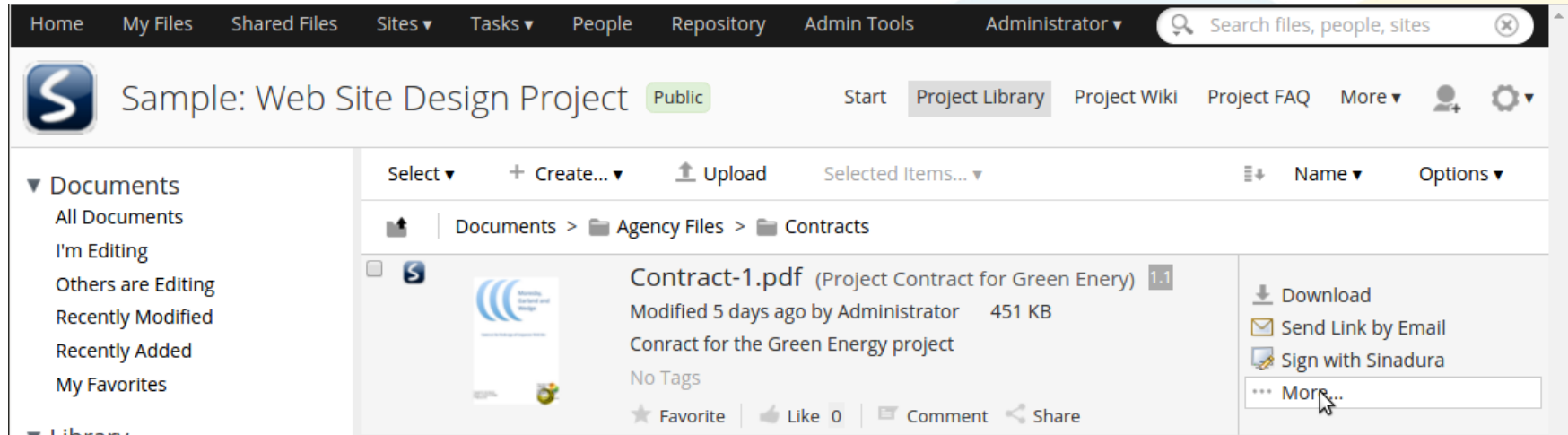
## In the server:

- 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

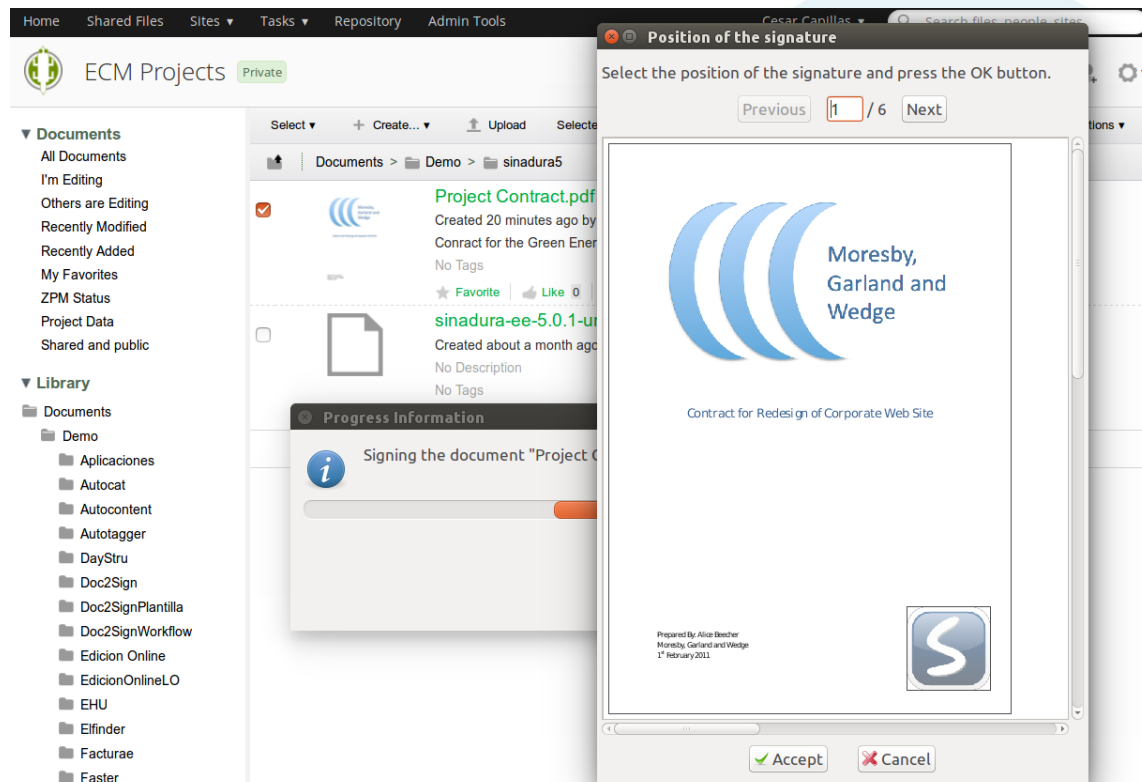


[\*] Action available for one or multiple files

[\*] 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, and Admin Tools, along with a user profile for Cesar Capillas and a search bar. Below this, the breadcrumb path is Documents > Demo > sinadura5. The main content area shows a document titled 'Project Contract.pdf' (1.1), modified by Cesar Capillas on Thu 3 Nov 2016 13:48:50. A toolbar above the preview includes icons for Previous, Next, page numbers (1/6), zoom (66%), Maximize, Download, and a search icon. The document preview itself shows 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 with the text 'Prepared By: Alex Beecher', 'Moresby, Garland and Wedge', and '1st February 2012'. To the right of the preview is a 'Document Actions' sidebar with options: 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 sidebar is a 'Tags' section showing '(None)'.

# Contributors



## Sinadura addon for Alfresco

- Alfredo Sánchez
- César Capillas

<https://goo.gl/tR5ZBD>

## Sinadura Desktop client and third party services

- Alfredo Sánchez
- Irune Prado
- Gustavo Fernández



**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 client → 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>