

Krolific ogKrolific & Oviyam



User's guide, GDPR

- ✦ krolific
 - ~ Licenses manager
 - ~ Connexions reports

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Version	Date	Redactor	Comments
Initial	25/09/2019	OG	First version
EN	19/01/2023	OG	Review and corrections, EN version



Overview

Introduction

Krolific is our license manager for our 4D databases and components at Protée. This tool has been developed for our internal needs, and progressively installed and used from July 2019. The component that manage Krolific is ogKrolific.

Our composants « ogTools suite » use calls to « krolific » based on a web proxy and our tool « Oviyam ». Those calls allow us to know if a license key is valid or not.

Datas

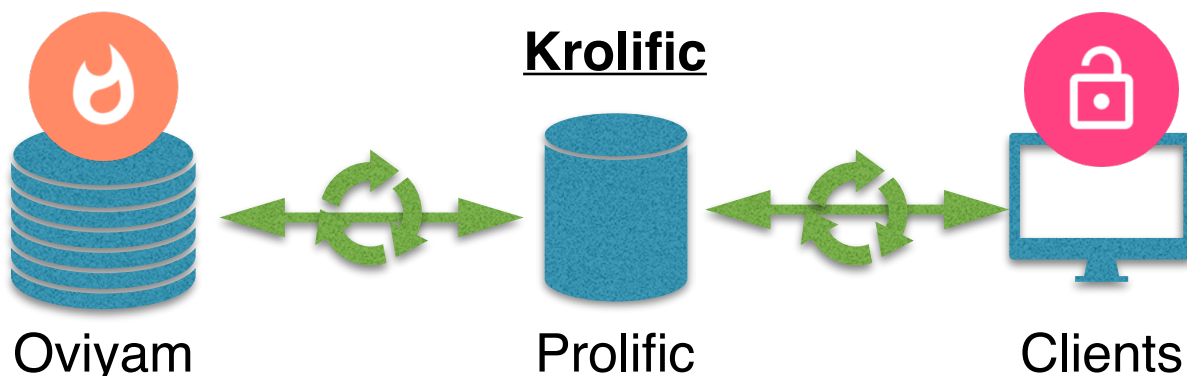
During the calls, some other informations, as machine name and user, processors, screen size, programme version, etc are transferred.

This documentation target you to know the transferred datas, and what happens then to them once in Protée, and allows you to choose an option for your privacy that suites you: in the frame of GDPR, it is important you know what is shared, and your possible options.

Description

Following is the schematic of the architecture for our solution« Krolific ».

- Client is the computer where are running one of our products, that makes license 's requests through ogKrolific.
- Prolific is the proxy that run on a cloud's server (for now at Scalingo), to give an 100% availability, and avoid a dedicated server in 4D. This tool Prolific gets requests from Clients, and from Oviyam.
- Oviyam is the 4D database from Protée side that manages requests, creations, and authorisations for licenses, and builds general anonymous datas from the connexions elements.





Oviyam

Licenses_Logs

Oviyam collects datas stored in the proxy « Prolific » at regular intervals, and destroy them into the proxy immediately after reception.

Those datas are stored in a table « Licenses_Logs », with raw datas.

At that level, Protée is able to know who is connecting, at what time, and never the less if the server has been rebooted. We also can see if a machine is reconnected too often, like if it turns into sleep. All of this makes Protée able to act and to propose adapted answers.

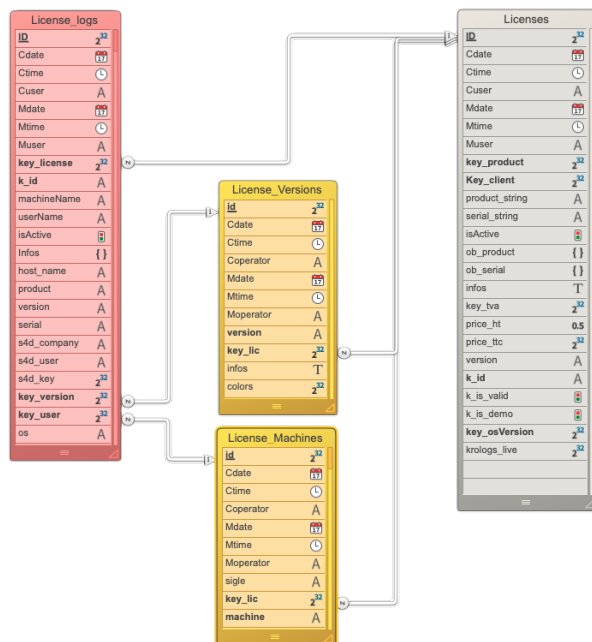
Date	Product	Client	Version	User	OS / Language	Product / Version	Host / Serial	User / Machine	Serial 4D
19/09/2019 07:59:19	ProTools	Protée	2.0.11	OLI	macOS 10.14.6 French	protools 2.0.11	Protée-Olivier Grimbert	Olivier Grimbert MacBook Pro de Olivier	Protée-Olivier Grimbert -1589308726
19/09/2019 08:38:11	4depfo	ADEPFO	1.3.08	NAD	macOS 10.13.6 French	4depfo 1.3.08	Protée-Nadine Adepfo	Nadine Adepfo Mac mini de Nadine	Protée-Nadine Adepfo -205081982
19/09/2019 08:42:16	ProTools	Protée	2.0.11	OLI	macOS 10.14.6 French	protools 2.0.11	Protée-Olivier Grimbert	Olivier Grimbert MacBook Pro de Olivier	Protée-Olivier Grimbert -1589308726
19/09/2019 09:30:07	Fyo	Fédération du yoga	4.7.26	YAN	macOS 10.13.6 French	Fyo 4.7.26	Protée-Yannis IMAc de Yannis	Yannis IMAc de Yannis	Protée-Yannis IMAc de Yannis -1245498678
19/09/2019 09:40:19	Fyo	Fédération du yoga	4.7.26	SEC	macOS 10.12.6 French	Fyo 4.7.26	Protée-Secretariat2	secretariat2 IMac tina	Protée-Secretariat2 -1245498678
19/09/2019 09:46:15	Orem	Ensemble L.ontemporain	4.1.12	EMI	macOS 10.12.6 French	Orem 4.1.12	Protée-Caroline Barillon	caroline barillon IMac Intel de Caroline Barillon New	Protée-Caroline Barillon -184137207
19/09/2019 09:51:15	Fyo	Fédération du yoga	4.7.26	YAN	macOS 10.13.6 French	Fyo 4.7.26	Protée-Yannis IMAc de Yannis	Yannis IMAc de Yannis	Protée-Yannis IMAc de Yannis -1245498678
19/09/2019 09:51:30	Fyo	Fédération du yoga	4.7.26	IMA	macOS 10.12.6 French	Fyo 4.7.26	Protée-IMac de Patrick Denery	Imac IMac de Patrick Denery	Protée-IMac de Patrick Denery -1245498678
19/09/2019 10:51:41	Orem	Ensemble L.ontemporain	4.1.12	EMI	macOS 10.11.6 French	Orem 4.1.12	Protée-Emilie Roffli	Emilie Roffli MacBook Pro Emilie	Protée-Emilie Roffli -184137207

```
product Orem
version 4.1.12
host_name ORMs6BBJ45K4VDj
serial 1589308726
json version 1
platform
[screens: 1]
screens [1]
left 0
top 0
right 1920
bottom 1080
platform 2
system 4294
processor 586
language 12
machine IMac Intel de Caroline Barillon
user caroline barillon
(application)
version F0011740
buildNum 235715
```

Licenses

Those datas, once on Protée's hands, are aggregated, based on license key and attached to an eventual existing license for a Client and a Product, table « Licenses ».

At the same time, tables « License_Versions » and « License_Machines » are populated with the most recent datas for updates and statistics. This is a kind of most recent values for version, machine found.





Ensemble Intercontemporain

Product: Orem (ORM) ID: v17

Price HT: 0,00 Price TTC: 0,00

Krolific ID: 5d482c67bb6b16003005f6e4

Modules: Base, Accès

Product: ORMs6B8J45K4VJDJ

App: ORM Date: 19/12/2018 Time: 2289

License: App: ORM Product: 4VJDJ

License: Version: 4 Modules: 127 Records: 0 Licenses: 10

Date	User
19/09/2019 12:05:38	MacBook Pro de J Jean Radel
19/09/2019 10:55:55	iMac intel de Olaf Munk Koefoed Olaf Munk Koefoed
19/09/2019 10:51:41	MacBook Pro Emilie Emilie Roffi
19/09/2019 09:46:15	iMac intel de Caroline Barillon New caroline barillon
18/09/2019 20:23:04	iMac intel d'Alix Sabatier Alix Sabatier
18/09/2019 18:16:49	iMac Intel de Caroline Barillon New Christelle Coquille
18/09/2019 17:58:50	iMac Intel de Caroline Barillon New Christelle Coquille
18/09/2019 17:10:50	MacBook de Stagiaire Prod. Stefano Sonzogni
18/09/2019 15:40:58	MacBook Air de Marine Marine Gaudry
18/09/2019 15:38:27	iMac intel d'Alix Sabatier Alix Sabatier
18/09/2019 12:38:19	MacBook Pro de J Jean Radel
18/09/2019 11:44:05	MacBook Air de Marine Marine Gaudry
18/09/2019 10:28:30	iMac intel de Olaf Munk Koefoed Olaf Munk Koefoed
18/09/2019 09:36:35	MacBook Air de Marine Marine Gaudry

```

product Orem
version 4.1.12
host_name ORMs6B8J45K4VJDJ
serial
json_version 1
[platform]
[screens: 1]
screens [1]
left 0
top 0
right 1920
bottom 1080
platform 2
system 4294
processor 586
language 12
machine iMac Intel de Caroline Barillon Nev
user caroline barillon
(application)
version F0011740
buildNum 235715
isCompiled true
appType 4
(serial_4d)
company Protée
user Olivier Grimbert
key -184137207
users_connected 4
users_max 12
    
```

Version	Date first
4.1.12	4 août 2019

Signle	Machine	User	Last date&time	OS version	Width	Height
LUC	MacBook Pro de luc	luc Hossepied	14/09/19 05:18	macOS 10.12.6	1 440	900
MAR	MacBook Air de Marine	Marine Gaudry	18/09/19 15:40	macOS 10.14.6	1 440	900
MAR	MacBook de...arine Gaudry	Marine Gaudry	11/09/19 06:47	macOS 10.12.6	1 280	768
OLA	iMac intel de...unk Koefoed	Olaf Munk Koefoed	19/09/19 10:55	macOS 10.11.6	1 920	1 080
OLI	MacBook d'...ier Leymarie	Olivier Leymarie	17/09/19 17:47	macOS 10.14.6	1 440	900
PIA	iMac de Pia Galloro	Pia Galloro	17/09/19 10:27	macOS 10.11.5	1 920	1 080
SAM	MacBook Pro de Samuel	Samuel Ferrand	06/09/19 09:49	macOS 10.12.6	1 680	1 050
SER	Mac mini Orem	Serveur Orem	03/09/19 22:00	macOS 10.12.6	1 440	900
STE	MacBook d...agiaire Prod.	Stefano Sonzogni	18/09/19 17:10	macOS 10.11.6	1 280	768
					1280	768

Creation: 04/08/2019 23:20 Auteur
Modif: 09/08/2019 13:08 Auteur

Those « License_Logs » datas are private, in the meaning they describe the connexion of one particular machine, and it usually corresponds to one person.

The aggregated datas into « License_Versions » et « License_Machines » are much more less sensible:

- One is for the different versions encountered, with the initial date seen.
- The other is for the different machines encountered, with date and time of the last connexion, OS version, and minimal screen size seen.

This allows us at Protée to show up the machines with OS out of certification matrice for the 4D product, and to know the minimal screen sizes in order for us to decide to increase the minimal size for our products.

VERSIONS AND MACHINES

Version	Date first
4.1.12	4 août 2019

Signle	Machine	User	Last date&time	OS version	Width	Height
LUC	MacBook Pro de luc	luc Hossepied	14/09/19 05:18	macOS 10.12.6	1 440	900
MAR	MacBook Air de Marine	Marine Gaudry	18/09/19 15:40	macOS 10.14.6	1 440	900
MAR	MacBook de...arine Gaudry	Marine Gaudry	11/09/19 06:47	macOS 10.12.6	1 280	768
OLA	iMac intel de...unk Koefoed	Olaf Munk Koefoed	19/09/19 10:55	macOS 10.11.6	1 920	1 080
OLI	MacBook d'...ier Leymarie	Olivier Leymarie	17/09/19 17:47	macOS 10.14.6	1 440	900
PIA	iMac de Pia Galloro	Pia Galloro	17/09/19 10:27	macOS 10.11.5	1 920	1 080
SAM	MacBook Pro de Samuel	Samuel Ferrand	06/09/19 09:49	macOS 10.12.6	1 680	1 050
SER	Mac mini Orem	Serveur Orem	03/09/19 22:00	macOS 10.12.6	1 440	900
STE	MacBook d...agiaire Prod.	Stefano Sonzogni	18/09/19 17:10	macOS 10.11.6	1 280	768
					1280	768

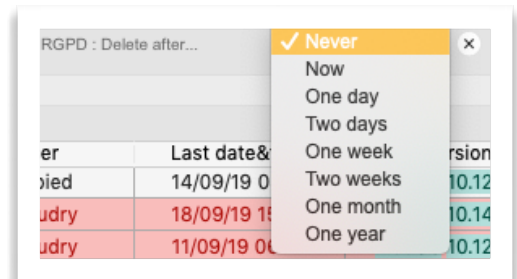
Here, OS version in red indicates that this OS is not granted in the matrix certification.



Privacy

It is possible for you to decide the privacy level for your datas in the table « License_Logs », with an automatic erase of the datas using a life duration for each of your product's license key.

The possible choices are: *Never, Now, One day, Two days, One week, Two weeks, One month, One year*.



The choice *Never* means that we will never see those logs, as they are erased as soon as received, and were used only to build the statistics for « License_Versions » and « License_Machines ».

The eventual interest of « License_Logs »

That might be :

- on your demand, do statistics
 - machine by machine usage.
 - average daily first connexion.
 - list of machines and OS that are connecting
 - etc.
- for Protée,
 - see a machine is connected to call for the user
 - know the average of a machine's connexion
 - see that a machine is reconnecting too frequently per day: that indicates that the machine goes in sleep mode...
 - etc.

The eventual interest of « License_Versions » and « License_Machines »

It is to know for the running software by you:

- the version history
- the hardware and software of any machine you have

You have to ask us the privacy you wish regarding « License_Logs ».

By default, we keep those datas for one year.



Datas

Exchange Format

root	{platform}	{application}	{serial_4d}
<pre>product proTools version 2.0.11 host_name PTOm1B0H84PGJ37L serial aF9xxxxxxxxxxxx003U json_version 1 created_at 2019-09-19T05:59:19.177Z license_key 5d4625dcbb6b160</pre>	<pre>{platform} [screens: 2] screens [1] left 0 top 0 right 2560 bottom 1440 screens [2] left -1920 top 870 right 0 bottom 2070 platform 2 system 4326 processor 586 language 12 machine MacBook Pro de Olivier user Olivier Grimbert</pre>	<pre>{application} version F0011740 buildNum 235715 isCompiled false appType 0</pre>	<pre>{serial_4d} company Protée user Olivier Grimbert key -1589308726 users_connected 1 users_max 1</pre>
<i>Basic Informations about our software, with the license key.</i>	<i>Informations on the platform, as screens sizes, machine name, system, processor...</i>	<i>Informations on running 4D.</i>	<i>Informations 4D license used. But this data does not allow us to know your 4D license key.</i>
<i>Allows to validate or not a license and to know the date & time of connexion.</i>	<i>Allows us to know the maximum screen size we can use, based on the minimum screen size you have.</i>	<i>Allows us to know what 4D version you are using.</i>	<i>Allows us to have licenses attached to 4D products.</i>