

RODA

Repository of Authentic Digital Objects

Plugin configuration

POAP Project 613/2006

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Contents

1	Introduction	2
2	Plugins	2
2.1	Converters	2
2.1.1	Audio converters	4
2.1.2	Conversores video	6
2.1.3	Image converters	9
2.1.4	Text converters	12
2.2	Ingest tasks	14
2.2.1	Ingest/Monitor FTP SIPs	14
2.2.2	Ingest/Unpack FTP SIPs	15
2.2.3	Ingest/Unpack SIPs	15
2.2.4	Ingest/Virus check	15
2.2.5	Ingest/Check SIP syntax	15
2.2.6	Ingest/Check producer authorization	15
2.2.7	Ingest/Create AIP	16
2.2.8	Ingest/Normalize format	16
2.3	Ingest tools	16
2.3.1	Ingest tools/Auto accept SIP	16
2.3.2	Ingest tools/Notify producers	17
2.4	Fixity check	17
2.4.1	Preservation/Fixity check	17
2.5	Statistics	18
2.5.1	Statistics/Calculate statistics	18
2.6	Description tools	18
2.6.1	Description tools/Auto fill unit dates	18
2.6.2	Description tools/Notify access restrict expiration	19
2.7	Maintenance	19
2.7.1	Ingest Maintenance/Reject 'DROPED_FTP' SIPs	20
2.7.2	Ingest Maintenance/Reject 'DROPED_UPLOAD_SERVICE' SIPs	21
2.7.3	Ingest Maintenance/Reject 'UNPACKED' SIPs	22
2.7.4	Ingest Maintenance/Reject 'VIRUS_FREE' SIPs	23
2.7.5	Ingest Maintenance/Reject 'SIP_VALID' SIPs	24
2.7.6	Ingest Maintenance/Reject 'AUTHORIZED' SIPs	25
2.7.7	Ingest Maintenance/Reject 'SIP_INGESTED' SIPs	26
2.7.8	Ingest Maintenance/Reject 'SIP_NORMALIZED' SIPs	27

1 Introduction

In this document are listed all RODA-Core plugins and explained the necessary arguments and what are they for. The plugins executed by the tasks can be configured via RODA-WUI (see figure 1).

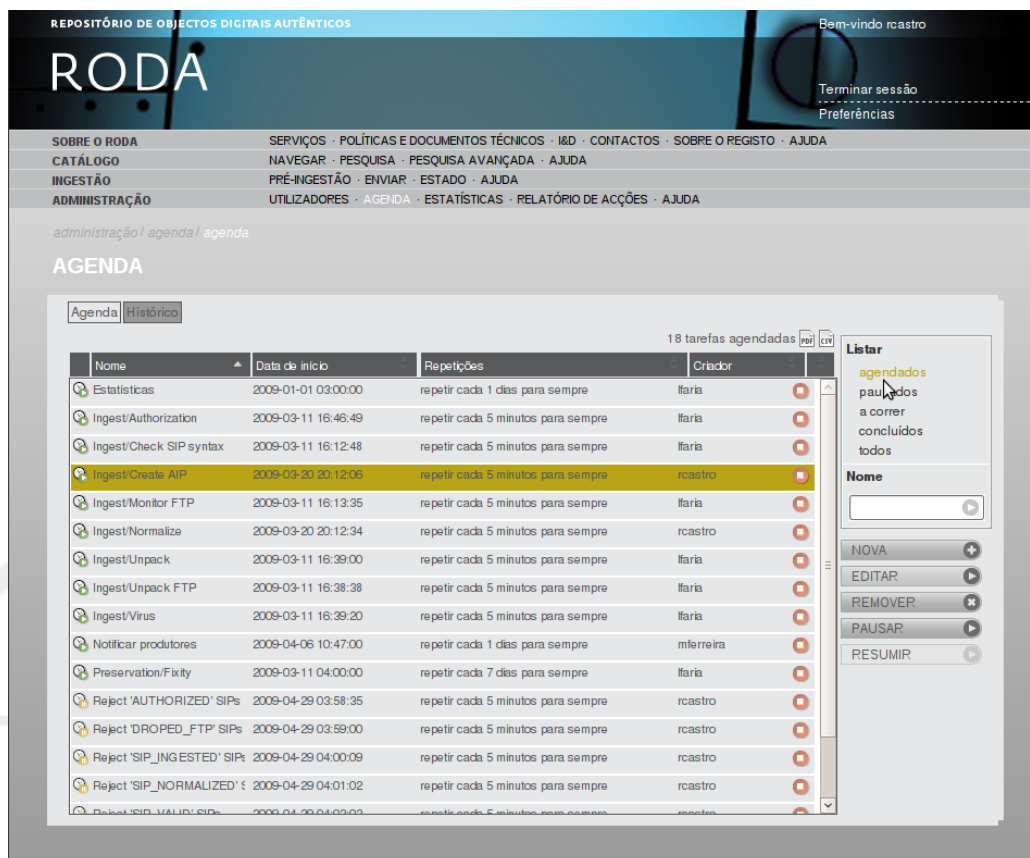


Figure 1: RODA-WUI - Task Scheduling

The arguments of each task can be configured in the Add/Edit task window (see figure 2).

2 Plugins

2.1 Converters

The convert plugins can be used to implement format conversion when the preservation plan requires it. The ingested representation are already converted into the current preservation format by the ingest normalization task.

Terminar ses
as

Editar agenda de tarefa

Nome

Descrição

Data de inicio Agora
 Agendar

Repetir não repetir
 repetir cada até

Agente
Creates RODA Objects for objects inside the SIP.

Parâmetros (*obrigatórios)

RODA Core URL*:

Username*:

Password*:

NORMALIZED 2009-04-29 04:01:02
repetir cada 5 minutos para sempre
rocastro

Figure 2: RODA-WUI - Add/Edit task

2.1.1 Audio converters

Converter/Audio to WAV

Converts all audio representation from any RODA supported audio format to WAV.

Arguments

RODA Core URL

The RODA Core address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/AIFF to WAV

Converts all AIFF audio representation to WAV.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/Flac to WAV

Converts all FLAC audio representation to WAV.

Arguments

RODA Core URL

Endereço do RODA Core. (<http://localhost:8080/roda-core>)

Username

Nome do utilizador que irá executar a tarefa. (roda-preservation-task)

Password

Password do utilizador. (consultar documento Credenciais e palavras-passe)

Converter/MP3 to WAV

Converts all MP3 audio representation to WAV.

Arguments**RODA Core URL**

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/MP4 to WAV

Converts all MPEG4 audio representation to WAV.

Arguments**RODA Core URL**

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/OGG to WAV

Converts all OGG audio representation to WAV.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/WAV to WAV

Converts all WAV audio representations to WAV.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

2.1.2 Conversores video

Converter/Video to MPEG2

Converts all RODA supported video representations to MPEG2.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/AVI to MPEG2

Converts all AVI video representations to MPEG2

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/MOV to MPEG2

Converts all MOV video representations to MPEG2.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/MPEG to MPEG2

Converts all MPEG video representations to MPEG2.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/MPEG2 to MPEG2

Converts all MPEG2 video representations to MPEG2.

Arguments**RODA Core URL**

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/MPEG4 to MPEG2

Converts all MPEG4 video representations to MPEG2.

Arguments**RODA Core URL**

- RODA Core Address. (<http://localhost:8080/roda-core>)

Username

- The name of the user that will execute the task. (roda-preservation-task)

Password

- The user password (created upon the install)

Converter/WMV to MPEG2

- Converts all WMV video representation to MPEG2.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

2.1.3 Image converters

Converter/Image to TIFF

Converts all RODA supported image representations to uncompressed TIFF.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/BMP to TIFF

Converts all BMP image representations to uncompressed TIFF.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/GIF to TIFF

Converts all GIF image representations to uncompressed TIFF.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/Ico to TIFF

Converts all ICO image representations to uncompressed TIFF.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/JPEG to TIFF

Converts all JPEG image representations to uncompressed TIFF.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/PNG to TIFF

Converts all PNG image representations to uncompressed TIFF.

Arguments**RODA Core URL**

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/TGA to TIFF

Converte todas as representações de imagens em TGA para TIFF.

Parametros**RODA Core URL**

- Endereço do RODA Core. (<http://localhost:8080/roda-core>)

Username

- Nome do utilizador que irá executar a tarefa. (roda-preservation-task)

Password

- Password do utilizador. (consultar documento Credenciais e palavras-passe)

Converter/TIFF to TIFF

- Converts all TIFF image representations to uncompressed TIFF.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/XPM to TIFF

Converts all XPM image representations to uncompressed TIFF.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

2.1.4 Text converters

Converter/Text to PDF/A

Convert all RODA supported text representations to PDF/A.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/DOC to PDF/A

Convert all DOC text representations to PDF/A.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/DOCX to PDF/A

Convert all DOCX text representations to PDF/A.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/ODT to PDF/A

Convert all ODT text representations to PDF/A.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/PDF to PDF/A

Convert all PDF text representations to PDF/A.

Arguments**RODA Core URL**

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

Converter/RTF to PDF/A

Convert all RTF text representations to PDF/A.

Arguments**RODA Core URL**

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password (created upon the install)

2.2 Ingest tasks

All ingest plugins are needed to complete the ingest workflow and allow SIPs to be fully ingested.

2.2.1 Ingest/Monitor FTP SIPs

Monitors FTP uploaded SIPs and adds them to the SIP processing queue.

Note The default scheduling should repeat every 5 minutes forever.

2.2.2 Ingest/Unpack FTP SIPs

Unzips FTP loaded compressed packets

Note The default scheduling should repeat every 5 minutes forever.

2.2.3 Ingest/Unpack SIPs

Unzips loaded packets through the default ingest service.

Note The default scheduling should repeat every 5 minutes forever.

2.2.4 Ingest/Virus check

Checks if the SIPs contains any virus.

Note The default scheduling should repeat every 5 minutes forever.

2.2.5 Ingest/Check SIP syntax

Checks SIP package structure.

Note The default scheduling should repeat every 5 minutes forever.

2.2.6 Ingest/Check producer authorization

Checks if the producers has authorization to ingest into the specified fonds.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

Name of the user that will execute the task (must be roda-ingest-task)

Password

User password (defined upon install)

Note The default scheduling should repeat every 5 minutes forever.

2.2.7 Ingest/Create AIP

Creates the SIP objects inside RODA (in Fedora Commons)

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

Name of the user that will execute the task (must be roda-ingest-task)

Password

User password (defined upon install)

Note The default scheduling should repeat every 5 minutes forever.

2.2.8 Ingest/Normalize format

Converts ingested representations into the respective preservation formats.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

Name of the user that will execute the task (must be roda-ingest-task)

Password

User password (defined upon install)

Note The default scheduling should repeat every 5 minutes forever.

2.3 Ingest tools

2.3.1 Ingest tools/Auto accept SIP

Automatically accept all SIPs of a producers. The SIPs to be accepted must reach the state previous the accept, i.e. the normalized state. To continuously accept newly coming SIPs of this producer, schedule this task to repeat each 5 minutes, forever.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (must be roda-ingest-task)

Password

The user password. (created upon install)

Producer username

The name of the RODA producer for which the SIPs should be automatically accepted.

2.3.2 Ingest tools/Notify producers

Send a report to the producers with the ingest status of their SIPs.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-ingest-task)

Password

The user password (created upon install)

Notifier's email address

The sending email address to set in the emails to send. (e.g. ingest-notifier@roda.dgarq.gov.pt)

2.4 Fixity check

The fixity check plugin should always be active to monitor the file integrity of all representations.

2.4.1 Preservation/Fixity check

Checks the file integrity of all representations.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-preservation-task)

Password

The user password. (created upon install)

Username of the user to be notified of failures

The name of the RODA user to which the notification emails will be sent.

Notifier's email address

The sender email address of the notification emails. (e.g. roda-fixity-notifier@dgarq.gov.pt)

2.5 Statistics

The statistics plugin is needed to collect the statistic data presented in RODA-WUI Administration *Rightarrow* Statistics.

2.5.1 Statistics/Calculate statistics

Collects statistics data about RODA and updates the statistics service.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (admin)

Password

The user password. (created upon install)

2.6 Description tools

2.6.1 Description tools/Auto fill unit dates

Automatically fills the description objects initial and final date based on the information of its sub elements.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task (admin)

Password

The user password. (created upon install)

Fonds PID

The PID of the fonds on which the plugin will be executed. If no value is specified, the plugin will execute for every available fonds.

2.6.2 Description tools/Notify access restrict expiration

Notifies the user that the confidentiality deadline of a document is to be expired.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (admin)

Password

User password (created upon install)

Fonds PID

The PID of the fonds on which the plugin will be executed. If no value is specified, the plugin will execute for every available fonds.

Notifier's email address

The notification emails sender address. (access-restrict-notifier@roda.dgarq.gov.pt)

2.7 Maintenance

THE MAINTENANCE PLUGINS SHOULD ONLY BE USED WHEN STRICTLY NECESSARY!

2.7.1 Ingest Maintenance/Reject 'DROPED_FTP' SIPs

Reject all SIPs in 'DROPED_FTP' status.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-ingest-task)

Password

The user password (created upon install).

Producer username

The name of the producers of the SIPs to be rejected. If no name is specified, the SIPs of all producers will be rejected.

SIP filename

The name of the SIP to be rejected. If no name is specified, all SIP are rejected.

Nota The `Producer username` e `SIP filename` are filters. If they are specified, only SIPs from the specified producer and the specified name will be rejected.

2.7.2 Ingest Maintenance/Reject 'DROPED_UPLOAD_SERVICE' SIPs

Reject all SIPs in 'DROPED_UPLOAD_SERVICE' status.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-ingest-task)

Password

The user password (created upon install).

Producer username

The name of the producers of the SIPs to be rejected. If no name is specified, the SIPs of all producers will be rejected.

SIP filename

The name of the SIP to be rejected. If no name is specified, all SIP are rejected.

Nota The **Producer username** e **SIP filename** are filters. If they are specified, only SIPs from the specified producer and the specified name will be rejected.

2.7.3 Ingest Maintenance/Reject 'UNPACKED' SIPs

Reject all SIPs in 'UNPACKED' status.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-ingest-task)

Password

The user password (created upon install).

Producer username

The name of the producers of the SIPs to be rejected. If no name is specified, the SIPs of all producers will be rejected.

SIP filename

The name of the SIP to be rejected. If no name is specified, all SIP are rejected.

Nota The `Producer username` e `SIP filename` are filters. If they are specified, only SIPs from the specified producer and the specified name will be rejected.

2.7.4 Ingest Maintenance/Reject 'VIRUS_FREE' SIPs

Reject all SIPs in 'VIRUS_FREE' status.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-ingest-task)

Password

The user password (created upon install).

Producer username

The name of the producers of the SIPs to be rejected. If no name is specified, the SIPs of all producers will be rejected.

SIP filename

The name of the SIP to be rejected. If no name is specified, all SIP are rejected.

Nota The `Producer username` e `SIP filename` are filters. If they are specified, only SIPs from the specified producer and the specified name will be rejected.

2.7.5 Ingest Maintenance/Reject 'SIP_VALID' SIPs

Reject all SIPs in 'SIP_VALID' status.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-ingest-task)

Password

The user password (created upon install).

Producer username

The name of the producers of the SIPs to be rejected. If no name is specified, the SIPs of all producers will be rejected.

SIP filename

The name of the SIP to be rejected. If no name is specified, all SIP are rejected.

Nota The `Producer username` e `SIP filename` are filters. If they are specified, only SIPs from the specified producer and the specified name will be rejected.

2.7.6 Ingest Maintenance/Reject 'AUTHORIZED' SIPs

Reject all SIPs in 'AUTHORIZED' status.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-ingest-task)

Password

The user password (created upon install).

Producer username

The name of the producers of the SIPs to be rejected. If no name is specified, the SIPs of all producers will be rejected.

SIP filename

The name of the SIP to be rejected. If no name is specified, all SIP are rejected.

Nota The `Producer username` e `SIP filename` are filters. If they are specified, only SIPs from the specified producer and the specified name will be rejected.

2.7.7 Ingest Maintenance/Reject 'SIP_INGESTED' SIPs

Reject all SIPs in 'SIP_INGESTED' status.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-ingest-task)

Password

The user password (created upon install).

Producer username

The name of the producers of the SIPs to be rejected. If no name is specified, the SIPs of all producers will be rejected.

SIP filename

The name of the SIP to be rejected. If no name is specified, all SIP are rejected.

Nota The `Producer username` e `SIP filename` are filters. If they are specified, only SIPs from the specified producer and the specified name will be rejected.

2.7.8 Ingest Maintenance/Reject 'SIP_NORMALIZED' SIPs

Reject all SIPs in 'SIP_NORMALIZED' status.

Arguments

RODA Core URL

RODA Core Address. (<http://localhost:8080/roda-core>)

Username

The name of the user that will execute the task. (roda-ingest-task)

Password

The user password (created upon install).

Producer username

The name of the producers of the SIPs to be rejected. If no name is specified, the SIPs of all producers will be rejected.

SIP filename

The name of the SIP to be rejected. If no name is specified, all SIP are rejected.

Nota The `Producer username` e `SIP filename` are filters. If they are specified, only SIPs from the specified producer and the specified name will be rejected.