

# ARInside

**Documentation Draft**

*Version 1.1*

## Table of Contents

ARInside.....	1
About.....	3
Security.....	4
Online Mode.....	4
File Mode.....	4
Security Comments:.....	4
Commandline Parameters.....	5
Required Parameters.....	5
Optional Parameters.....	5
Examples.....	5
Configuration.....	6
Application Settings.....	6
TargetFolder.....	6
FileMode.....	6
ObjListXML.....	6
UTF-8.....	6
BlackList.....	6
LoadServerInfoList.....	7
CompactFolder.....	7
DeleteExistingFiles.....	7
Data Retrieval.....	7
LoadUserList.....	7
UserForm.....	7
UserQuery.....	8
LoadGroupList.....	8
GroupForm.....	8
GroupQuery.....	8
LoadRoleList.....	8
RoleForm.....	8
RoleQuery.....	9
MaxRetrieve.....	9
Layout.....	9
CompanyName.....	9
CompanyUrl.....	9
Disclaimer.....	10

## **About**

ARInside is a **commandline** application that generates linked HTML pages to document ARSystem workflow. The program can be run in **online** mode connecting to an ARSystem server or **file mode** using an ARSystem Administrator generated XML server definition file. In advance a Packing List with all ARSystem server objects not to include in the documentation can be specified in the application configuration. ARInside is programmed and maintained by Stefan Nerlich.

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## **Security**

ARInside uses the following ARSystem API calls to load objects from server / file.

### ***Online Mode***

ARInitialization  
ARTermination  
ARGetList(...)  
ARGet(...)  
FreeAR

### ***File Mode***

ARInitialization  
ARGet(...)FromXML

### ***Security Comments:***

ARInside uses **NO** DirectSQL, Run Process or ARExecuteProcess API calls.

# **Commandline Parameters**

## ***Required Parameters***

- s (string) ARSystem server name to connect
- l (string) Login Name used to connect to the ARSystem server
- i (string) File Name of the configuration file

## ***Optional Parameters***

- p (string) Password

-t (integer) The port number that the program will use to communicate with the AR System server. If you do not specify this parameter or provide 0 for the port number, your program will use the port number supplied by the portmapper. This parameter is overridden by the ARTCPPORT environment variable.

-r (integer) The RPC program number of the server. Specify 390600 to use the admin server, a number from 390621 to 390634 or 390636 to 390669 or 390680-390694 to use a private server, or 0 (default) to use the fast or list server queue. This parameter is overridden by the ARRPC environment variable.

## ***Examples***

```
arinside.exe -s servername -l Demo -i settings.ini
arinside.exe -l Demo -s servername -p mypassword -i settings.ini
arinside.exe -p "my&password" -i settings.ini -s servername -l Demo
arinside.exe -s servername -l Demo -i "my settings.ini"
arinside.exe -s servername -l Demo -i "my settings.ini" -t 1044 -r 390621
```

### Comments:

- The order of the parameters is irrelevant
- Parameters with special characters (for example empty spaces) can be surrounded by quotation marks

# **Configuration**

The ARInside application settings can be configured using a text-file with the following key-values.

## **Application Settings**

### **TargetFolder**

Description: Relative path to the output directory where the documentation is saved.

Type: String

Default value: DefaultOutputFolder

### **FileMode**

Description: Specify if the application will connect to an ARSystem server (FileMode=FALSE) or load information from a file specified in parameter ObjListXML (FileMode=TRUE).

Type: Boolean

Default value: FALSE

Option: TRUE / FALSE

### **ObjListXML**

Description: An ARSystem Administrator server definition file in XML format. The parameter specifies the filename. Refer to the ARSystem Administrator Guide how to export server definitions in XML format.

Type: String

Default value: <EMPTY>

### **UTF-8**

Refer to your ARSystem Database configuration if UTF-8 encoding is required.

Type: Boolean

Default value: FALSE

Option: TRUE / FALSE

### **BlackList**

Description: Name of an ARSystem PackingList with a list of ARSystem objects **NOT** to include in the documentation. Server objects type of Application or Packinglist will be considered as container without the including objects. Refer to the ARSystem Administrator Guide how to create a PackingList and add/remove objects to the list.

Type: String

Default value: <EMPTY>

### **LoadServerInfoList**

Load extended server informations.

Type: Boolean  
Default value: TRUE  
Option: TRUE / FALSE

### **CompactFolder**

Use NTFS file system compression to save some disk space. The application uses the Windows NT (tm) compact command.

Type: Boolean  
Default value: TRUE  
Option: TRUE / FALSE

### **DeleteExistingFiles**

Delete all existing files in target folder.

Type: Boolean  
Default value: TRUE  
Option: TRUE / FALSE

## **Data Retrieval**

### **LoadUserList**

*Description:* Load User data from ARSystem form „User“. Requires the following fields in the form: RequestId (1), LoginName (101), Email (103), GroupList (104), FullName (8), DefNotify (108), LicType (109), FtLicType (110), CreatedBy (2), Created (3), ModifiedBy (5), Modified (6)

If this parameter is set to „FALSE“ no user data will be loaded.

Type: Boolean  
Default value: TRUE  
Option: TRUE / FALSE

### **UserForm**

*Description:* Name of the ARSystem user form.

Type: String  
Default value: User

## **UserQuery**

*Description:* Query to restrict the number of users returned from the server

*Type:* String

*Default value:* '1'!=\$NULL\$

## **LoadGroupList**

*Description:* Load Group data from ARSystem form „Group“. Requires the following fields in the form: RequestId (1), GroupName (105), GroupId (106), GroupType (107), LongGroupName (8), CreatedBy (2), Created (3), ModifiedBy (5), Modified (6)

If this parameter is set to “FALSE” no group data will be loaded.

*Type:* Boolean

*Default value:* TRUE

*Option:* TRUE / FALSE

## **GroupForm**

*Description:* Name of the ARSystem group form.

*Type:* String

*Default value:* Group

## **GroupQuery**

*Description:* Query to restrict the number of groups returned from the server

*Type:* String

*Default value:* '1'!=\$NULL\$

## **LoadRoleList**

*Description:* Load Roles data from ARSystem form „Role“. Requires the following fields in the form: RequestId (1), ApplicationName (1700), RoleName (1701), RoleID (1702), GroupName Test (2001), GroupName Production (2002), CreatedBy (2), Created (3), ModifiedBy (5), Modified (6)

If this parameter is set to “FALSE” no role data will be loaded.

*Type:* Boolean

*Default value:* TRUE

*Option:* TRUE / FALSE

## **RoleForm**

*Description:* Name of the ARSystem role form.

*Type:* String

*Default value:* Roles



## **RoleQuery**

*Description:* Query to restrict the number of roles returned from the server

*Type:* String

*Default value:* '1'!=\$NULL\$

## **MaxRetrieve**

*Description:* The maximum number of entries to retrieve. Use this parameter to limit the amount of data returned if the qualification does not sufficiently narrow the list. Specify 0 to assign no maximum.

*Type:* Integer

*Default value:* 0

## **Layout**

### **CompanyName**

*Description:* Your company name displayed in the documentation.

*Type:* String

*Default value:* yourcompanyname

### **CompanyUrl**

*Description:* Html link to the specified company (CompanyName)

*Type:* String

*Default value:* http://companyurl.com

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