



# White Paper

## Fabasoft Folio Unattended Setup

Fabasoft Folio 2022

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## 1 Introduction

Fabasoft products can be installed as unattended installation. This document describes the unattended setup and available parameters.

## 2 Software Requirements

**System environment:** All information contained in this document implicitly assumes a Microsoft Windows or Linux environment.

**Supported platforms:** For detailed information on supported operating systems and software see the software product information on the Fabasoft distribution media.

## 3 Installation

To perform an unattended installation use the command line. In a Microsoft Windows environment run `unattended.exe` in the root directory of the Fabasoft product DVD. In a Linux environment run `./setup.sh fsc_unattended=yes` in the root directory of the Fabasoft product DVD. The setup settings are defined via parameters (see chapter 4 "Parameters").

**Note:** `fsc_feature` parameters not defined are set to `True` (Microsoft Windows environment) or `on` (Linux environment) per default, whereas the other parameters are not set.

**Example:**

```
unattended.exe fsc_license="License.coo" fsc_oneaccount_username=Administrator
fsc_oneaccount_password=secret fsc_agreement=accept
fsc_feature_conversionsservice=False fsc_feature_atsservice=False
fsc_feature_omsservice=False fsc_feature_mbsintegration=False
fsc_feature_iarchive=False fsc_feature_iarchivelink=False fsc_feature_ducx=False
fsc_feature_addon=False
```

In this example several `fsc_feature` parameters are set to `False`, except the parameters of the Fabasoft Folio Kernel, the Fabasoft Folio Backend Service, the Fabasoft Folio Web Service and the Fabasoft Folio Management console. These parameters are not defined and therefore set to `True`.

At the end of an unattended installation information about the installation is displayed in the console. In both cases, if the installation was successful or if an error occurred, a link to a log file is provided.

## 4 Parameters

The following parameters are available:

- `fsc_unattended=[yes|no]`  
This parameter is necessary in a Linux environment to specify if an unattended installation should be performed.
- `fsc_agreement=[accept|decline]`  
This parameter is used to accept or decline the legal terms.
- `fsc_architecture=[typical|minimum|custom|predefined]`  
This parameter is used to define the installation type.
- `fsc_architecturefile=<architecture file>` (only if `fsc_architecture==predefined`)  
If `fsc_architecture==predefined` was selected, an architecture file has to be specified using this parameter.

**Note:** An

architecture template named `fscconfigurationfile.xml` is generated during each setup. During the setup process it is located in `%temp%\fscsetup\` (Microsoft Windows) or `/tmp/setup/shared/plain/` (Linux). After the setup has finished the file is located in `[PathToFolio]\Setup\` (Microsoft Windows) or in `/var/opt/fabasoft/log/` (Linux).

- `fsc_licensemode=[new|existing]`  
This parameter is used to specify if Fabasoft Folio Backend Services are installed and a new license file is required or an existing Fabasoft Folio Backend Services installation is used.
- `fsc_license=<license file>` (only if `fsc_licensemode==new`)  
If `fsc_licensemode==new` was selected, this parameter is used to specify the path to the license file.
- `fsc_installmode=[new|update|loading]`  
This parameter is used to specify the installation mode. Additional Fabasoft Folio Services and products for an existing domain can be installed, existing Fabasoft Folio Services and/or products can be updated.
- `fsc_backendhost=<hostname>` (only if `fsc_licensemode==existing` OR `fsc_installmode==new`)  
If `fsc_licensemode==existing` OR `fsc_installmode==new` was selected, the hostname of the Fabasoft Folio Backend Server has to be specified using this parameter.
- `fsc_backendport=<port>` (only if `fsc_licensemode==existing` OR `fsc_installmode==new`)  
If `fsc_licensemode==existing` OR `fsc_installmode==new` was selected, the port of the Fabasoft Folio Backend Server has to be specified using this parameter.
- `fsc_updatelicense=<license file>`  
If an additional license file (e.g. an update license file) is required this parameter is used to specify the path to this license file.
- `fsc_feature_selinux=[True|False]`  
This parameter defines if the Fabasoft Folio SELinux policy is installed.
- `fsc_feature_management=[True|False]`  
This parameter defines if the Fabasoft Folio Server Management is installed.
- `fsc_feature_backendservice=[True|False]`  
This parameter defines if the Fabasoft Folio Backend Service binaries are installed.
- `fsc_feature_domain=[True|False]`  
This parameter defines if the Fabasoft Folio Domain and Backend Services are installed. (Not selecting this feature will result in a binary mode installation. This mode can be used for a domain recovery installation or a cluster node installation.)
- `fsc_feature_webservice=[True|False]`  
This parameter defines if a Fabasoft Folio Web Service is installed.
- `fsc_feature_conversionsservice=[True|False]`  
This parameter defines if a Fabasoft Folio Conversion Service is installed.
- `fsc_feature_eservice=[True|False]`  
This parameter defines if a Fabasoft Folio eService is installed.
- `fsc_eservice_servercert=<certificate>`  
(only if `fsc_feature_eservice==True`)  
This parameter defines the path to the server certificate for the Fabasoft eService.
- `fsc_eservice_serverpass=<password|serverkey>`  
(only if `fsc_feature_eservice==True`)

This parameter defines the password of the server certificate under Microsoft Windows. Under Linux the password is stored in a server key file which is also to specify with this parameter.

- `fsc_eservice_cacert=<certificate>`  
(only if `fscfsc_feature_eservice==True`)  
This parameter defines the path to the CA certificate for the Fabasoft eService.
- `fsc_feature_lrintegration=[True|False]`  
This parameter defines if the Fabasoft Folio Portlet is installed.
- `fsc_lrintegration_url=<url>`  
(only if `fsc_feature_lrintegration==True`)  
This parameter defines the Web Service URL for the Fabasoft Folio Portlet. HTTPS is required.
- `fsc_lrintegration_username=<username>`  
(only if `fsc_feature_lrintegration==True`)  
This parameter defines the privileged user for the Fabasoft Folio Portlet.
- `fsc_lrintegration_password=<password>`  
(only if `fsc_feature_lrintegration==True`)  
This parameter defines the privileged user password for the Fabasoft Folio Portlet.
- `fsc_lrintegration_ipaddress=<ip>`  
(only if `fsc_feature_lrintegration==True`)  
This parameter defines the Tomcat IP-Address of the Liferay Portal Tomcat Server.
- `fsc_lrintegration_deploymentfolder=<foldername>`  
(only if `fsc_feature_lrintegration==True`)  
This parameter defines the path to the Deploy-Folder for the Fabasoft Folio Portlet.
- `fsc_lrintegration_clientcert=<certificate>`  
(only if `fsc_feature_lrintegration==True`)  
This parameter defines the path to the client certificate for the Fabasoft Folio Portlet.
- `fsc_lrintegration_clientcertpass=<password>`  
(only if `fsc_feature_lrintegration==True`)  
This parameter defines the password of the client certificate.
- `fsc_lrintegration_cacert=<certificate>`  
(only if `fsc_feature_lrintegration==True`)  
This parameter defines the path to the CA certificate for the Fabasoft Folio Portlet.
- `fsc_feature_atSERVICE=[True|False]`  
This parameter defines if a Fabasoft Folio AT Service is installed.
- `fsc_feature_imapservice=[True|False]`  
This parameter defines if a Fabasoft Folio IMAP Service is installed.
- `fsc_imapservice_url=<url>`  
(only if `fsc_feature_imapservice==True`)  
This parameter defines the web service URL for the Fabasoft Folio IMAP Service.
- `fsc_feature_mbintegration=[True|False]`  
This parameter defines if a service for the Fabasoft Integration for Fabasoft Mindbreeze Enterprise is installed.
- `fsc_feature_iarchive=[True|False]`  
This parameter defines if a Fabasoft iArchive Service is installed.

- `fsc_feature_iarchivelink=[True|False]`  
This parameter defines if a Fabasoft iArchiveLink Service is installed.
- `fsc_feature_addon=[True|False]`  
This parameter defines if add-ons are installed.
- `fsc_accountmode=[one|individual]`  
It is possible to use one single service account or different service accounts for Fabasoft Folio Services. This parameter is used to define the use of service accounts.
- `fsc_oneaccount_username=<username>`  
If only one single service account is used for all Fabasoft Folio Services this parameter is used to specify the username of the service user account.
- `fsc_oneaccount_password=<password>`  
If only one single service account is used for all Fabasoft Folio Services this parameter is used to specify the password of the service user account.
- The following parameters have to be set, if different service accounts for Fabasoft Folio Services are used (`fsc_accountmode==individual`). In each case the username and the password of the user account that should be used for running the Fabasoft Folio Service have to be specified.
  - Fabasoft Folio Backend Service  
`fsc_backend_username=<username>`  
`fsc_backend_password=<password>`
  - Fabasoft Folio Web Service  
`fsc_web_username=<username>`  
`fsc_web_password=<password>`
  - Fabasoft Folio Conversion Service  
`fsc_conversion_username=<username>`  
`fsc_conversion_password=<password>`
  - Fabasoft Folio AT Service  
`fsc_at_username=<username>`  
`fsc_at_password=<password>`
  - Service for Fabasoft Integration for Fabasoft Mindbreeze Enterprise  
`fsc_mb_username=<username>`  
`fsc_mb_password=<password>`
  - Fabasoft iArchive Service  
`fsc_iarchive_username=<username>`  
`fsc_iarchive_password=<password>`
  - Fabasoft iArchiveLink Service  
`fsc_iarchivelink_username=<username>`  
`fsc_iarchivelink_password=<password>`
  - Fabasoft app.ducx Service  
`fsc_ducx_username=<username>`  
`fsc_ducx_password=<password>`
- `fsc_kerberos=[yes|no]`  
This parameter is used to specify if Kerberos authentication should be used.
- `fsc_principal=<principal name>` (only if `fsc_kerberos==yes`)  
If `fsc_kerberos==yes` was selected, this parameter defines which Kerberos principal name is set.
- `fsc_adminusername=<username>` (only if `fsc_kerberos==no`)  
If `fsc_kerberos==no` was selected, the username of the administrator user has to be specified using this parameter.

- `fsc_adminpassword=<password>` (only if `fsc_kerberos==no`)  
If `fsc_kerberos==no` was selected, the password of the administrator user has to be specified using this parameter.
- `fsc_domainname=<domain name>`  
This parameter is used to define a name for the Fabasoft Folio Domain.
- `fsc_solution<file name>`  
This parameter is used to define the solution that is installed.
- `fsc_addonsolution<file name>`  
This parameter is used to define the solutions that is installed for additional products.  
Usage in new installation: `fsc_addonsolution=EditionApptest@1.1[;EditionAppducx@1.1;...]`  
Usage in add additional installation: `fsc_addonsolution=EditionApptest@1.1`
- `fsc_upgrade=[True|False]`  
This parameter is used to have the setup purging the current base edition during update.  
Only in combination with `fsc_solution=<solution name>` which specifies the new base edition. Note: the solution name (including extension) must match to a solution found on the DVD under `\Solutions`.
- `fsc_demodata=[True|False]`  
This parameter is used to define if demo data is loaded.
- `fsc_addondemodata=[True|False]`  
This parameter is used to define if demo data of an additional product is loaded.
- `fsc_database_system=[sqlserver|sqlexpress|oracle|postgresql]`  
This parameter is used to specify which database is used.
- `fsc_database_create=[create|existing]`  
This parameter is used to specify if a new database should be created or an existing database should be used.

#### Parameters for the configuration of a Microsoft SQL Server database:

- `fsc_database_sqlserver_datasource=<datasource>`  
This parameter is used to specify the logical database interface.
- `fsc_database_sqlserver_datadir=<datadirectory>`  
This parameter is used to specify the path to the data directory of the database.
- `fsc_database_sqlserver_logdir=<logdirectory>`  
This parameter is used to specify the path to the log directory of the database.
- `fsc_database_sqlserver_username=<username>`  
This parameter is used to specify the database user.
- `fsc_database_sqlserver_password=<password>`  
This parameter is used to specify the password of the database user.

#### Parameters for the configuration of a Microsoft SQL Server Express database:

- `fsc_database_sqlexpress_datasource=<datasource>`  
This parameter is used to specify the logical database interface.
- `fsc_database_sqlexpress_datadir=<datadirectory>`  
This parameter is used to specify the path to the data directory of the database.



- `fsc_database_sqlexpress_logdir=<logdirectory>`  
This parameter is used to specify the path to the log directory of the database.

Parameters for the configuration of an Oracle database:

- `fsc_database_oracle_sid=<identifier>`  
This parameter is used to specify the identifier of the Oracle database.
- `fsc_database_user_create=[create|existing]`  
This parameter is used to specify if a new database user should be created or an existing database user should be used. If an existing database user should be used the roles described in the white paper "Oracle Database Preparation Guide" needs to be granted to the database user defined in the architecture file.
- `fsc_database_oracle_username=<username>`  
This parameter is used to specify the username of the Oracle user.
- `fsc_database_oracle_password=<password>`  
This parameter is used to specify the password of the Oracle user.

Parameters for the configuration of a PostgreSQL database:

- `fsc_database_postgres_adminusername=<username>`  
This parameter is used to specify the username of the database administrator.
- `fsc_database_postgres_adminpassword=<password>`  
This parameter is used to specify the password of the database administrator.
- `fsc_database_postgres_location=<location>`  
This parameter is used to specify the location of the database.
- `fsc_database_postgres_connectstring=<connection>`  
This parameter is used to specify the connection string of the database.