ITA_User Instruction manual

Construction file management function

—Version 1.3 —

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Introduction

This document explains the function and the operation method of ITA construction file management function (referred to as construction file management hereafter) system.

1. Overview of construction file management function

1.1 What is construction file management

Construction file management is for managing the check-in/check-out of files such as document and contents, and version controlling by using version control tool Git.

1.2 System configuration

Construction file management is divided into construction file management function part and Git. Git can run on the same server with ITA or on a separate server.

1.3 The feature of construction file management function

The main function of construction file management are classified into the following categories.

① Web
Web content. The construction file management function screen provided on the browser.

② BackYard
Resident processes that runs on a server independent from the Web content.

2. Construction file management Menu configuration

This chapter explains the menu configuration of construction file management function.
For the method to login the web console or the element / basic operation of menu screen, please refer to "User instruction manual - Basic console".

2.1 Menu/Screen list

The list of console menu used in construction file management is as below.

Table 2.1-1 Construction file management menu / screen list

No	Menu group	Menu・Screen	Overview
1	File control management console	Interface information	Initial synchronization with Git
2		Directory master	Register the file storage directory
3		File Master	Register management target file
4		File list	The data of all managed file Download all management file at once
5		File link list(Ansible)	Link file to Ansible driver menu
6		File link list(DSC)	Link file to DSC driver menu
7		File link list(OpenStack)	Link file to Openstack driver menu
8	File control check-in/check-out console	Browse	Browse all check-in/check-out request data
9		Check-out request	Request for file check-out
10		Check out	Approve/Reject file check-out request
11		Check-in request	Request for file check-in
12		Check in	Approve/Reject file check-in request
13		Cancel	Request for cancellation

2.2 Construction file management　Status list

The file status used in construction file management is listed below.
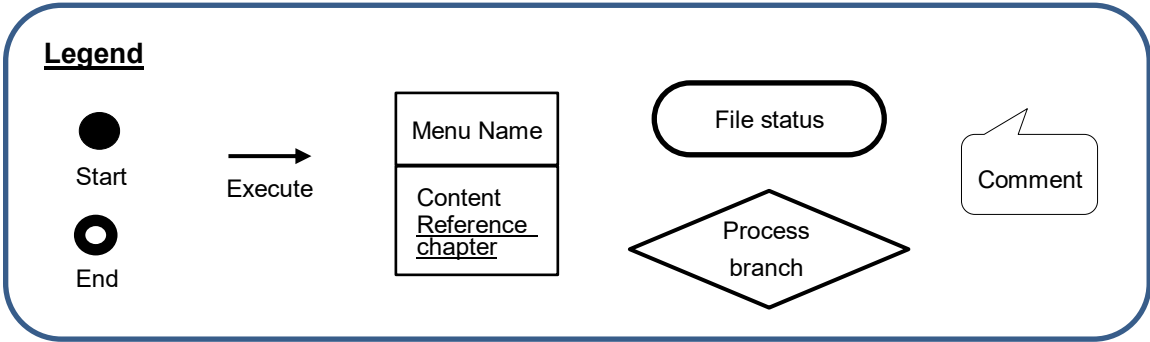
Table 2.2-1 File status list

No	Status	Overview
1	Check out requested	The data registered for check out request. Update the status of data to approve/reject the check out request.
2	Check out requested (duplicate)	The data registered for check out request. The request will become this status if the request target file has already been registered in status No3~5, 7~8. ※The target file will be able to check out if it's status become "check in complete".
3	Checking out	The data whose check out request has been approved. Update the status of this data to request for check in.
4	Check in requested	The data registered for check in request. Update the status of the data to approve/reject the check in request.
5	Checking in	The data whose check in request has been approved. Update the status of this data to link with Git. ※In the case of auto check-in, update the "check-in requested" data to link with Git.
6	Check in complete	The data whose file update has been completed. Please make new check out request to update the file again.
7	Return(check-out request)	The data whose check out request is rejected. Please check the request content and register for request again.
8	Return(check-in request)	The data whose check in request is rejected. Please check the request content and register for request again.
9	Cancel	The data which is cancelled during process. Please refer to 4.2.6 for status that has been cancelled.

3. Construction file management Operation procedure

Explain the operation procedure of construction file management function.

3.1 Workflow

The standard workflow of each console in construction file management is as below.
The details of each operation is described in next section.

Legend

● Start

→ Execute

○ End

Menu Name
Content Reference chapter

(File status)

◇ Process branch

💬 Comment

3.1.1 Initial configuration Git association

When using construction file management function, it's required to associate version control tool Git with ITA as initial configuration.
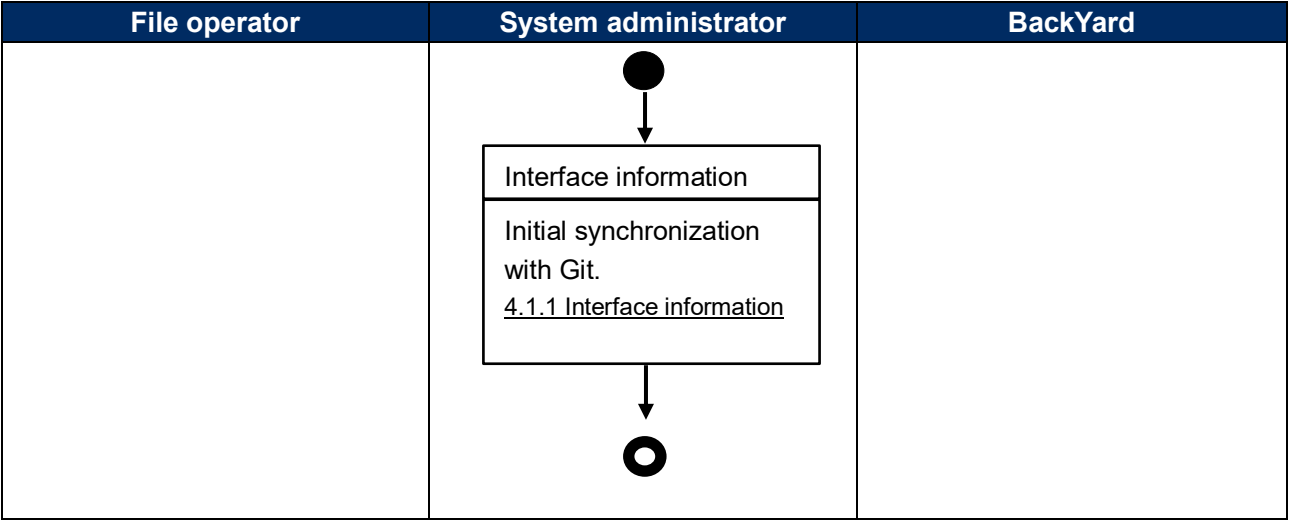
File operator	System administrator	BackYard
	● ┌─────────────────┐ │ Interface information │ ├─────────────────┤ │ Initial synchronization with Git. 4.1.1 Interface information │ └─────────────────┘ ○	

Figure 3.1-1 Workflow of Initial configuration Git association

3.1.2 Register management target file

In order to manage target file safely, the system administrator registers storage directory and management target file, and if necessary, configure the association with Ansible, etc.
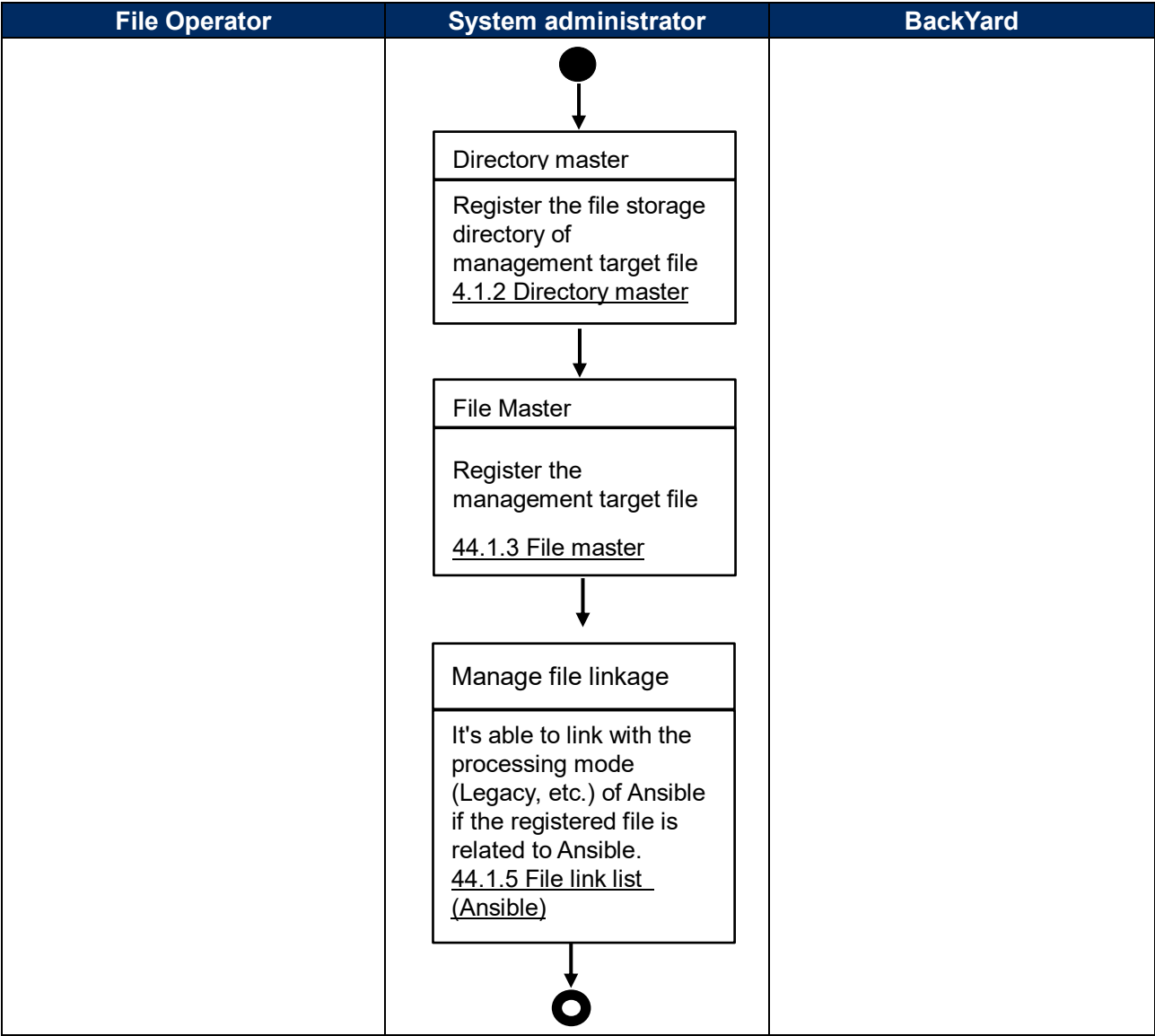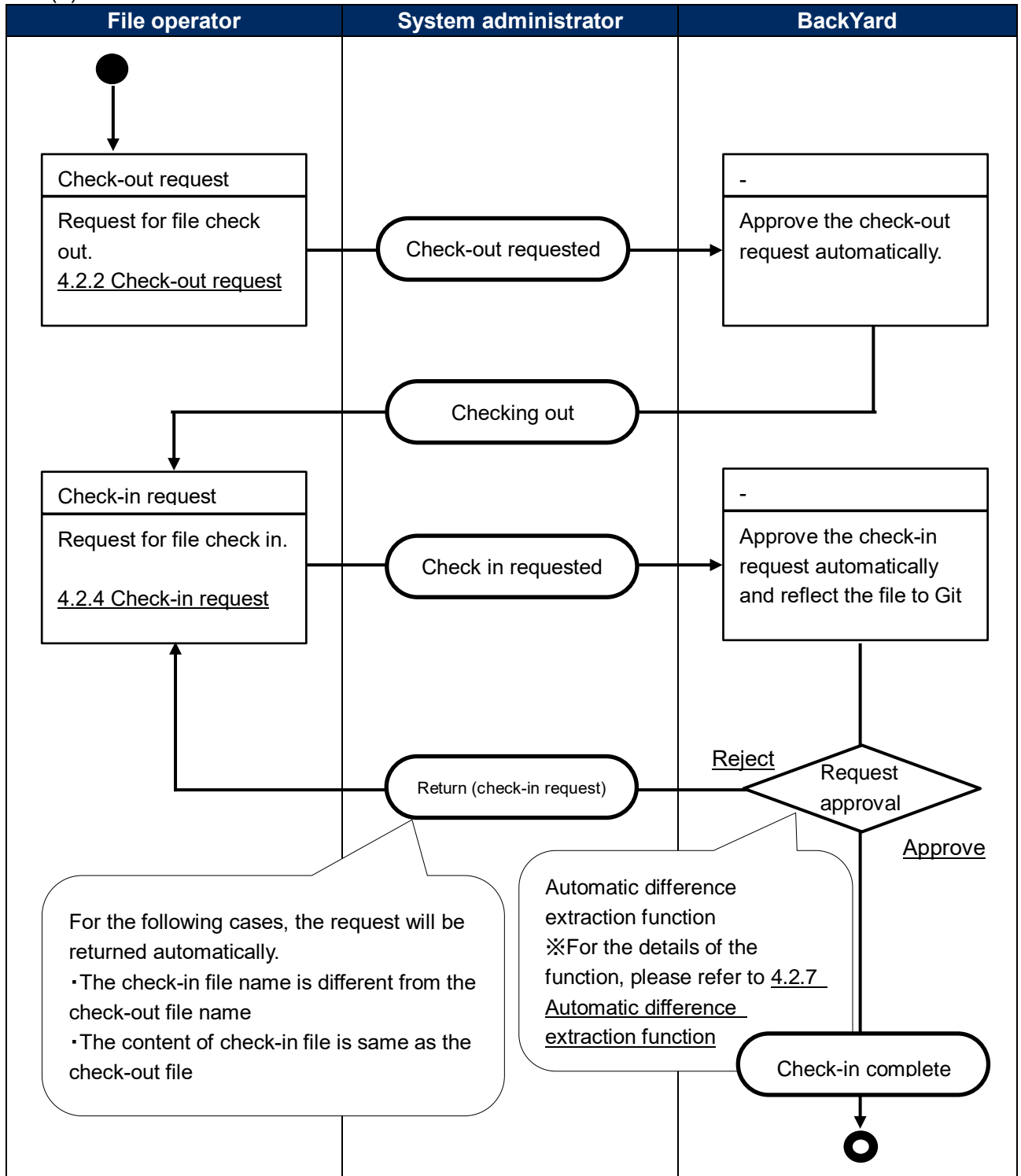
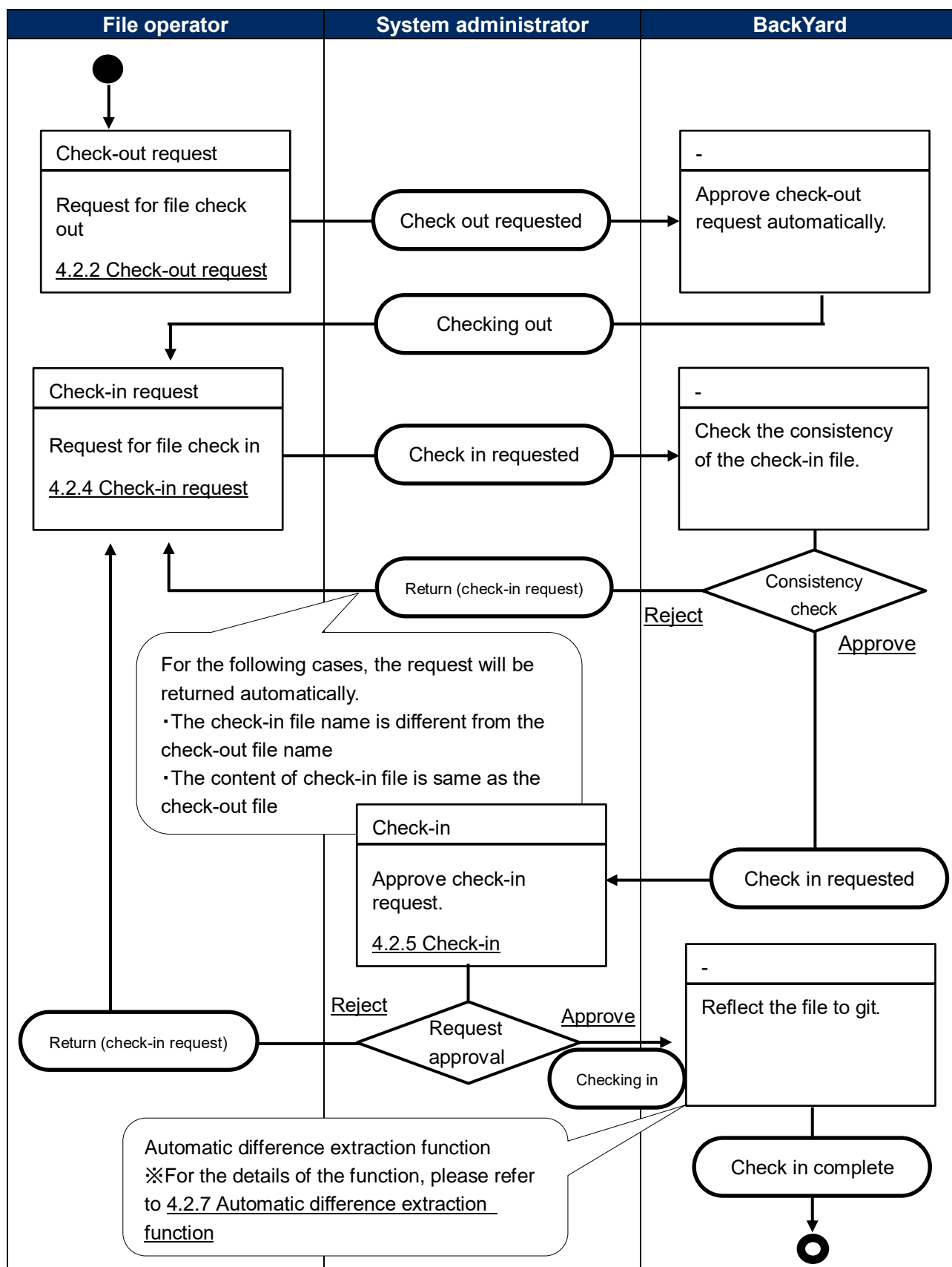| File Operator	System administrator	BackYard
	Directory master Register the file storage directory of management target file 4.1.2 Directory master **File Master** Register the management target file 44.1.3 File master **Manage file linkage** It's able to link with the processing mode (Legacy, etc.) of Ansible if the registered file is related to Ansible. 44.1.5 File link list (Ansible)	

Figure 3.1-2 Workflow ②

3.1.3 Check-in / Check-out files

The user check-in/ check-out the files that are registered by the system administrator. For file check-in/check-out, there are "Auto check-in" that doesn't need administrator's approval procedure and "Manual check-in" that requires approval procedure. It's possible to set "Auto check-in" and "Manual check-out" for each file accordingly.
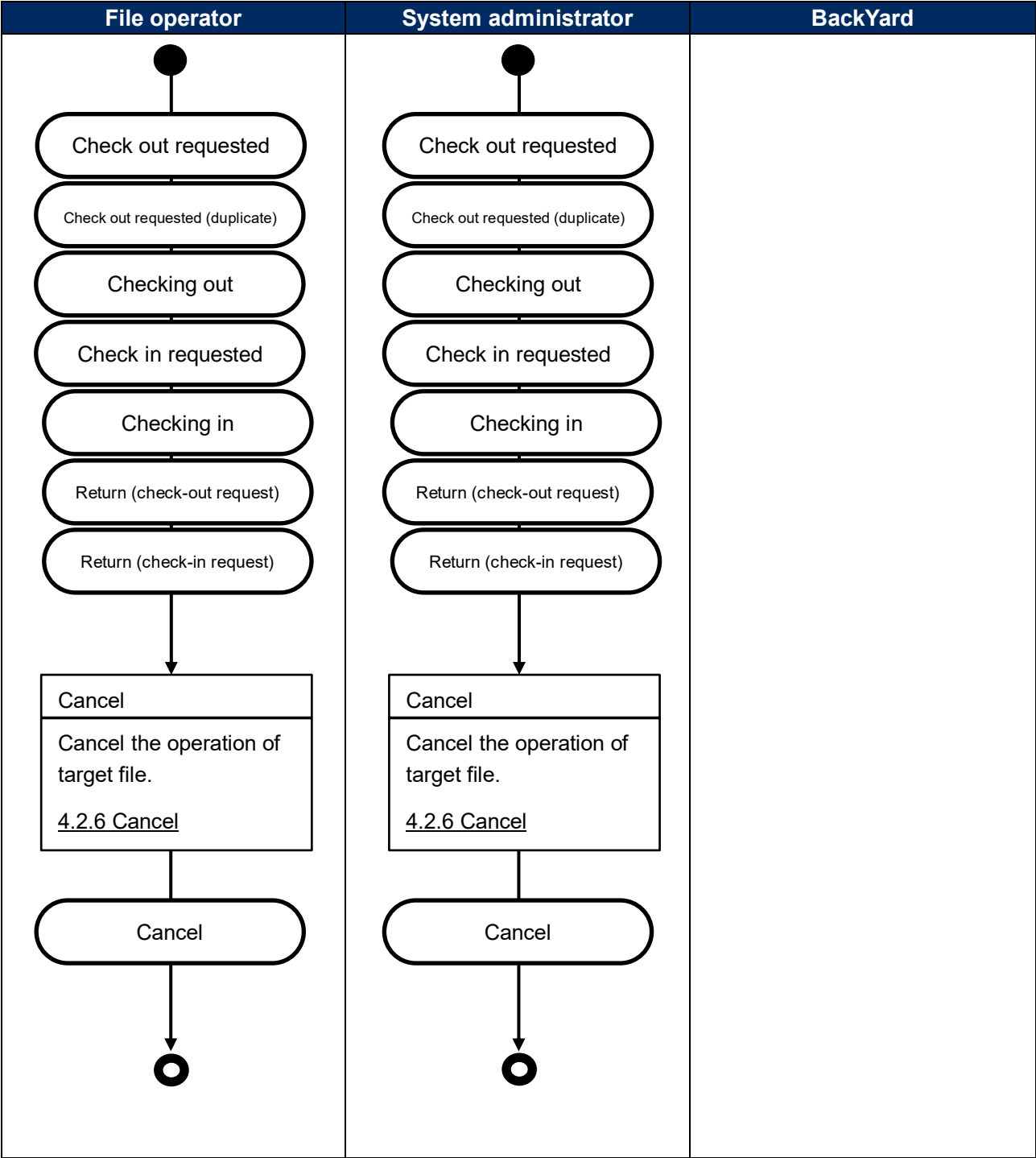
(1) Flow of auto check-in

File operator	System administrator	BackYard

Check-out request

Request for file check out.
4.2.2 Check-out request

Check-out requested

-

Approve the check-out request automatically.

Checking out

Check-in request

Request for file check in.

4.2.4 Check-in request

Check in requested

-

Approve the check-in request automatically and reflect the file to Git

Return (check-in request)

Reject

Request approval

Approve

For the following cases, the request will be returned automatically.
・The check-in file name is different from the check-out file name
・The content of check-in file is same as the check-out file

Automatic difference extraction function
※For the details of the function, please refer to 4.2.7 Automatic difference extraction function

Check-in complete

(2) The flow of manual check-in

3.1.4 Cancellation workflow

Before check-in is done, it's possible to cancel the operation if the process status is in "Requested", "Checking out", "Checking in", etc. The cancelled target file will return to the status before "Check-out request"

File operator	System administrator	BackYard
●	●	
Check out requested	Check out requested	
Check out requested (duplicate)	Check out requested (duplicate)	
Checking out	Checking out	
Check in requested	Check in requested	
Checking in	Checking in	
Return (check-out request)	Return (check-out request)	
Return (check-in request)	Return (check-in request)	
Cancel Cancel the operation of target file. 4.2.6 Cancel	Cancel Cancel the operation of target file. 4.2.6 Cancel	
Cancel	Cancel	
◉	◉	

■ **Legend of register screen item list**
　The content of the register screen item list are described in the next section.

①	②	③	④	⑤
Item	**Description**	**Input Required**	**Input type**	**Restrictions**

① **Item**
　　・The name of item in the submenu

② **Description**
　　・The description of the item

③ **Input Required**
　　・○：Items that entering contents are required for them.
　　・- ：Items that entering contents are optional for them.

④ **Input type**
　　・Manual： Items that require manual input.
　　・Auto： Items whose content are entered automatically.
　　・Checkbox: Check box format item.
　　・Button: Radio button format item.
　　・List: List box format item.

⑤ **Restriction**
　　・The restrictions for the item(Limitation on number of characters, etc.)

4. Construction file management Function・operation method

This chapter explains each console function used in construction file management.

4.1. File control master

This section describes the operation in file control master console

4.1.1. Interface information

(1) Initial synchronization of construction file management function and Git is performed in "interface information" submenu.

Figure 4.1-1 submenu screen (Interface information)

(2) The item list of "interface information" screen is as below.
Please register each information and perform initial synchronization with Git.

Please do not perform any other operations during the initial synchronization.

※1 Please update the already registered empty data while initial registration.
※2 Please set "remote repository URL" and "Clone repository" to the value of the argument which is passed to the clone command of Git as the following example command.

Table 4.1-1 Register screen item list (Interface information)

Item	Description	Input Required	Input Type	Restrictions
Remote repository	Please enter the URL of an already created Git remote repository. ※The following setting is required for the specified repository. ・push.default=simple ・core.bare=true ・core.sharedrepository=1 (Example) ssh://root@192.168.1.1/dir1/dir2/main.git	○	Manual	
Clone repository	Please enter the path of local directory that the user wants to create the clone repository. If the entered directory does not exist, the directory will be created. ※Since differential synchronization is not allowed, the repository in use can't be specified. In the case of specifying a exist directory, the directory is required to be empty.	○	Manual	
Password	Please enter the password that is required when prompted according to the protocol specified in the "Remote repository URL". If ssh password is needed on the remote repository side, please enter the password.	○	Manual	
Initial synchronization	Press the button and start initial synchronization with Git.	Optional	Manual	Required for the first time only
Remarks	Free description field	Optional	Manual	Maximum length 4000bytes

4.1.2. Directory master

(1) Created the directory for construction file management in "Directory master".

Figure 4.1-2 Submenu screen (directory master)

(2) Click the "Register" - "Start Registration" button to register the operation information.

Figure 4.1-3 Registration screen (directory master)

(3) The item list of "Directory master" screen is as below.

Table 4.1-2 Item list of Registration screen (directory master)

Item	Description	Input Required	Input Type	Restrictions
Parent directory	Registered directory will be displayed. To use the registered directory as parent directory, please select the target directory.	○	List	
Directory	Please enter desired directory name. ※1 Characters as「!"#$%&'｀;:*<>?¥」,「.」,「..」 can't be used in directory names ※2 "/" can't be used at the beginning or end.	○	Manual	
Rights	Please enter the permission of the creating directory with three digits from 0 to 7	○	Manual	
Group	Enter the group of the creating directory in half-width alphanumeric characters. ※ If the entered group does not exist in the server, it will be managed as the "root" group.	○	Manual	
User	Enter the owner of the creating directory in half-width alphanumeric characters. ※ If the entered owner does not exist in the server, it will be managed as "root".	○	Manual	
Purpose	Please enter the column if there is description of usage.	Optional	Manual	
Remarks	Free description field	Optional	Manual	Maximum length 4000 bytes

(4) The specifications of update/discard are as below.
   ① In the case of update/discard, if there is any file under the directory in check-in/check-out request, the update/discard can't be performed (validation error).
   ② If the initial synchronization with Git has already done, updating/discarding the data in directory master menu that is also on Git, the data on Git will also be updated/deleted. In the case of register/restore, no operation will be performed on Git.
   ③ In the case of discard, the subdirectories in directory, the file in "File master", the file data in "Browse" and "File list" menu will all be discarded also.

4.1.3 File master

(1) Register the manage target file in "File master".

Figure 4.1-4 Submenu screen (File master)

(2) Click the "Register" - "Start Registration" button to register the operation information.

Figure 4.1-5 Registration screen (File master)

(3) The item list of the file master screen is as below.

Table 4.1-3 Register screen item list (File master)

Item	Description	Input required	Input type	Restrictions
Directory	Please select the directory to manage.	○	List	
File	Please enter the file name to manage. ※1 Characters as 「!"#$%&'|`;:*<>?¥」、「.」、「..」 can't be used in directory names.	○	Manual	
Way to check in	Please select according to the operation needs. ・Check in after administrator approval 　Process the check-in request manually. ・Auto-check in 　Process the check-in request automatically.	○	List	
Rights	Please enter the permission of the managing file with three digits from 0 to 7.	○	Manual	
Group	Enter the group of the managing file in half-width alphanumeric characters. ※ If the entered group does not exist in the server, the item will be managed as in the "root" group.	○	Manual	
User	Enter the owner of the creating directory in half-width alphanumeric characters. ※ If the entered owner does not exist in the server, the item will be managed as by "root" user.	○	Manual	
Purpose	Please enter the column if there is description of usage.	Optional	Manual	
Remarks	Free comment section.	Optional	Manual	Maximum length 4000 bytes

(4) The specification of update/discard is as below
　(1) In the case of update/discard, if there is any file in check-in/check-out request, the update/discard can't be performed (validation error).
　(2) If the initial synchronization with Git has done, updating/discarding the data on directory master that is also on Git, the data on Git will also be update/deleted. In the case of register/restore, no operation will be performed on Git.
　(3) In the case of discard, the file data in "Browse" and "File list" menu will all be discarded also.

4.1.4 File list

(1) The whole file managed in construction file management function is displayed in "file list".
Also, the files displayed in filter results can all be downloaded at once.
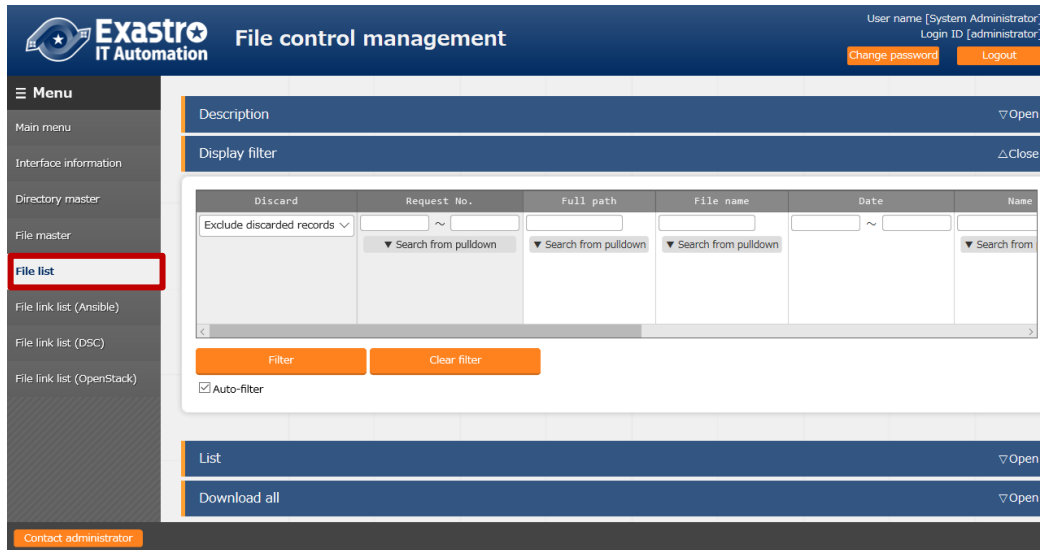

Figure 4.1-6 Registration screen (file list)

① On opening the menu, the "latest flag" will be checked automatically and all newest file will be displayed with filter
Please press the "Download all" button on the bottom of the screen to download all files.
The file is downloaded in zip format.
※₁ The "newest" flag is attached to the newest file among the files that have completed check-in
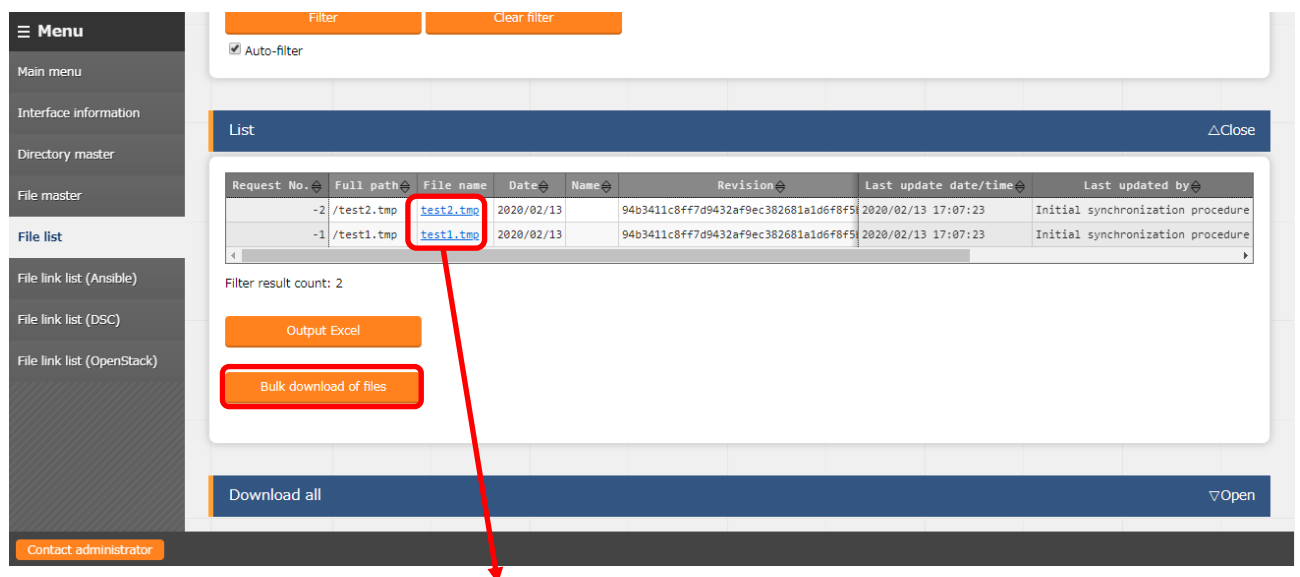※₂ The name of the zip file is "material_YYYYMMDDHHMMSS.zip"

Figure 4.1-7 "Bulk download" screen ① (File list)

② Filter by any information and download only necessary files at once is possible.
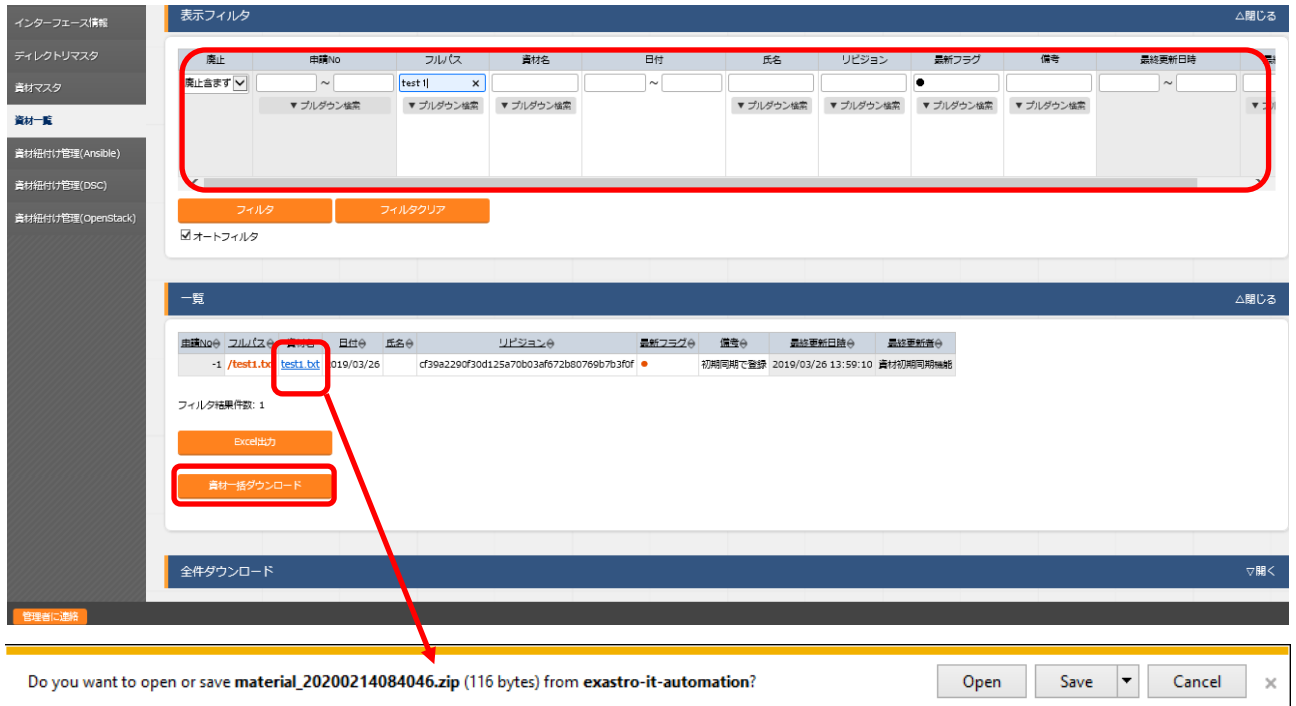

Figure 4.1-8 "Bulk download" screen ② (File list)

③ If the same material is displayed multiple times in the result of the filtered display, only the latest data of the file is downloaded.
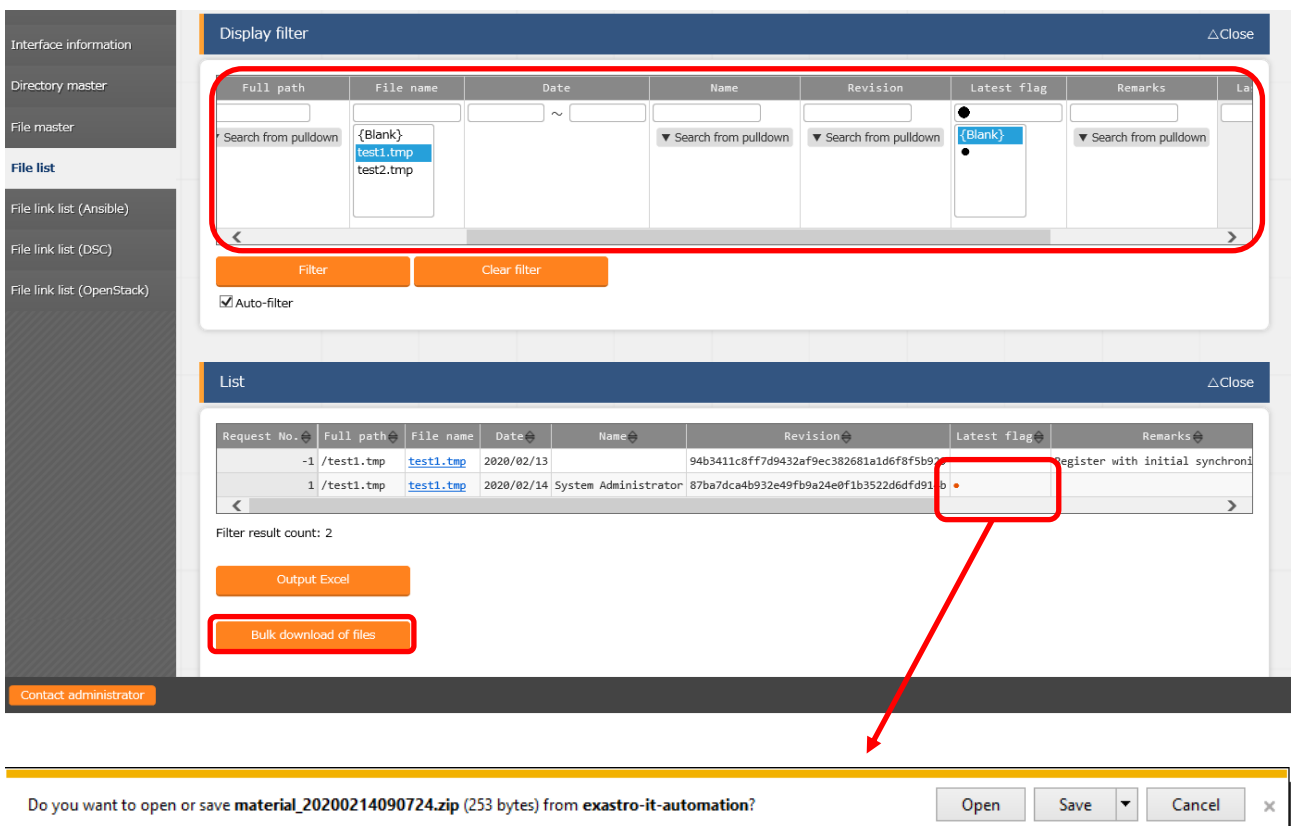

Figure 4.1-9 "Bulk download" screen ③ (File list)

4.1.5 File link list (Ansible)

(1) Register the link between the file registered in construction file management and the file used in Ansible-driver console in "File link list (Ansible)" menu.

The link destination menus are as below.
- Ansible Common contents list
- Ansible Common template list
- Ansible-Legacy Playbook files
- Ansible-Pioneer Dialog files
- Ansible-LegacyRole Role package list

The registered file will automatically reflected each time when construction file management is updated.
To use this function, Ansible-driver is required to be installed in ITA.
For details of this function, please refer to chapter 5.

Figure 4.1-10 Submenu screen (File link list (Ansible))

(2) Click the "Register" - "Start Registration" button to register the operation information.

Figure 4.1-11 Registration screen (File link list (Ansible))

(3) The item list of "File link list (Ansible)" screen is as below.

Table 4.1-4 Register screen item list(File link list(Ansible))

Item		Description	Input Required	Input Type	Restriction
File name in link destination		Enter the file name registered in the link destination. If the file name entered does not exist in the link destination, it will be newly registered.	○	Manual	
File name		Please select the target file to link with.	○	List	
Revision		Select the revision number you want to specify. If no selection is made, the latest revision is automatically specified. ※ If a revision is specified, automatic update will not be performed.	Optional	List	
Ansible Common	Template list	Select "●" when linking to the "Template list" menu. ※ Please Enter "TPF_" at the beginning and enter alphanumeric characters in the following in "File name in link destination" column when selecting this option."	※1	List	※1 Please select only one link destination. ※2 Ansible-Pioneer Required when linking to Ansible Pioneer "Dialog file materials" menu.
	File list	Select "●" when linking to the "File list" menu. ※ Enter "CPF_" at the beginning and enter alphanumeric characters in the following in "File name in link destination" column when selecting this option.	※1	List	
Ansible-Legacy	Playbook files	Select "●" when linking to the "Playbook file" menu.	※1	List	
Ansible-Pionner	OS type	Please select the OS type of link destination file when linking to the "Dialog file materials" menu.	※2	List	
	Dialog file materials	Select "●" when linking to the "Dialog file materials" menu.	※1	List	
Ansible-Legacy Role	Ansible-Role Role package file	Select "●" when linking to the "Role package file" menu. ※If the linked file is not the specified zip file, the registration data will be discarded and an error message will be displayed in the remarks column.	※1	List	
Remarks		Free description field	Optional	Manual	Maximum length 4000 bytes

4.1.6 File link list（DSC）

(1) Register the link between the file registered in construction file management and the file used in DSC-driver console in "File link list (DSC)" menu.
The link destination menu is as below
・ Config files

The registered file will automatically reflected when construction file management is updated.
To use this function, DSC-driver is required to be installed in ITA.
For details of this function, please refer to chapter 5.

Figure 4.1-12 Submenu screen (File link list (DSC))

(2) Click the "Register" - "Start Registration" button to register the operation information.

Figure 4.1-13 Registration screen (File link list (DSC))

(3) The item list of "File link list (DSC)" screen is as below.

Table 4.1-7 Register screen item list (File link list(DSC))

Item	Description	Input required	Input type	Restriction
File name in link destination	"Enter the file name registered in the link destination. If the file name entered does not exist in the link destination, it will be newly registered."	○	Manual	
File name	Please select the target file to link with.	○	List	
Revision	Select the revision number you want to specify. If no selection is made, the latest revision is automatically specified. ※ If a revision is specified, automatic updating will not be performed.	Optional	List	
Remarks	Free description field.	Optional	Manual	Maximum length 4000 bytes

4.1.7 File link list（OpenStack）

(1) Register the link between the file registered in construction file management and the file used in OpenStack-driver console in "File link list (OpenStack)" menu.

The link destination menu is as below
・ Movement list

The registered file will automatically reflected when construction file management is updated.
To use this function, OpenStack-driver is required to be installed in ITA.
For details of this function, please refer to chapter 5.

Figure 4.1-14 Submenu screen (File link list (OpenStack))

(2) Click the "Register" – "Start Registration" button to register the operation information.

Figure 4.1-15 Registration screen (File link list (OpenStack))

(3) The item list of "File link list (Openstack)" screen is as below.

Table 4.1-8 Register screen item list (File link list (OpenStack))

Item		Description	Input required	Input type	Restriction
File name in link destination		Enter the file name registered in the link destination. If the file name entered does not exist in the link destination, it will be newly registered.	○	Manual	
File name		Please select the target file to link with.	○	List	
Revision		Select the revision number you want to specify. If no selection is made, the latest revision is automatically specified. ※If a revision is specified, automatic updating will not be performed.	Optional	List	
OpenStack	HEAT template files	Select "●" when linking to the "HEAT template files" menu.	※	List	※ Please select only one link destination.
	Environment Configuration file	Select "●" when linking to the "Environment Configuration file" menu.	※	List	
Remarks		Free comment section	Optional	Manual	Maximum length 4000 bytes

4.2   File control check-in/check-out console

This section describes the operations in file control check-in/check-out console

4.2.1. Browse

(1) The reference of the check-in/check-out data of the whole file processed in construction file management file is displayed in "browse". Since this menu is for reference display, data update can't be performed in this menu.

Figure 4.21 submenu screen (browse)

(2) The management status is displayed in "list".
Information such as file status, the user who checked-out the file and the scheduled check-in date of revision or checked-out file are displayed.
Please refer to 2.2 "Construction file management status list" for details of status.

4.2.2. Check-out request

(1) The Check-out request is performed in "Check-out request" menu.

Figure 4.2-2 Submenu screen (Check-out request)

(2) Click the "Register" - "Start Registration" button to register the operation information.

Figure 4.2-3 Registration screen (Check-out request)

If the update content has been confirmed, please also enter the "change summary" and "Scheduled date for check-in".

※ The register status will become "Check out requested (duplicate)" if the request target file is already checked-out. The target file will check-out automatically after it is checked-in.

(3) The item list of Check-out request screen is as below

Table 4.2-1 Register screen item list (Check-out request)

Item		Description	Input required	Input type	Restriction
Status		Select the processing status of the file. Please select "Check out requested" when registering.	○	List	
Target	File name	Please select the check-out request target file	○	List	
Check-out request	Date	Automatically entered when the "Register" button is pressed.	—	Auto	
	Name	Automatically entered when the "Register" button is pressed.	—	Auto	
	Change summary	Please the summary of change	Optional	Manual	
	Scheduled date for check-in	Please enter the scheduled check-in date	Optional	Manual	
Remarks		Free description field	Optional	Manual	Maximum length 4000 bytes

4.2.3. Check-out

(1) The data in check-out request is displayed in "Check-out" menu.
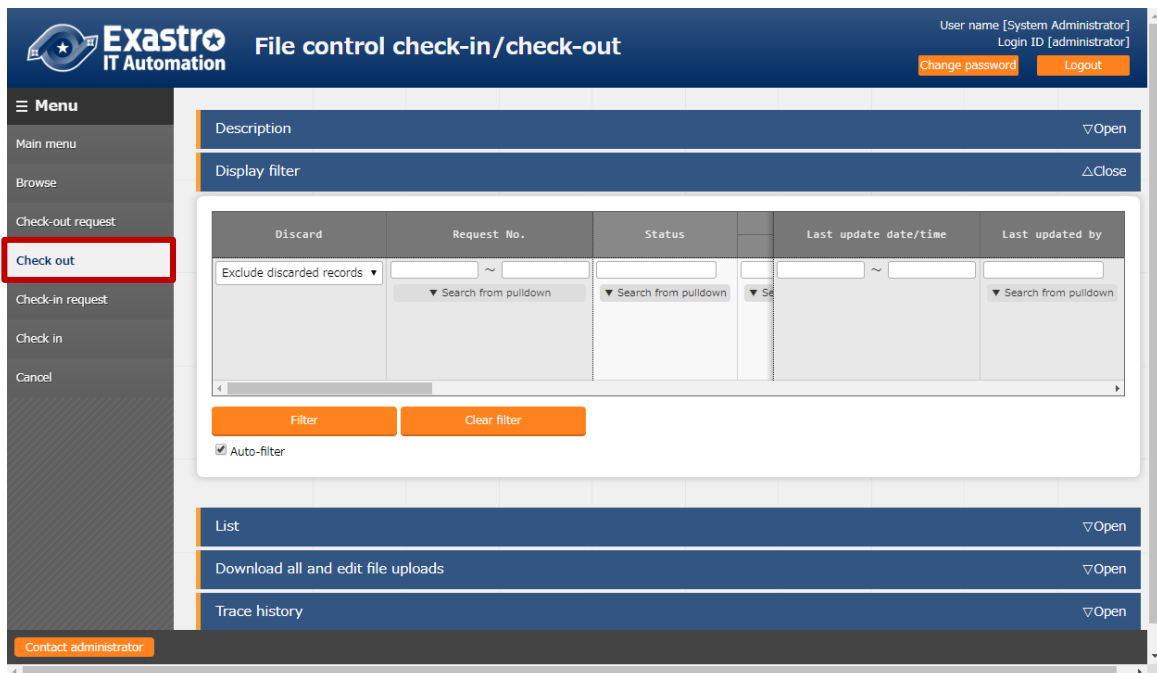
Figure 4.2-4 submenu screen (check-out)

The data registered in the check-out request is automatically checked-out, so no operation is required in this menu.

※ It cost maximum 10 seconds for the status to become "Checking out".

4.2.4 Check-in request

(1) The data in checking-out status will be displayed in "Check-in request" menu.
The file operator please update the displayed data and request for check-in.
※If the DIFF file is not registered, the DIFF file will be generated automatically.
For the automatic generation of DIFF file, please refer to 4.2.7Automatic difference extraction function.

Figure 4.2-5 submenu screen (Check-in request)

(2) The item list of the Check-in request screen is as below

Table 4.2-2 Register screen item list (Check-in request)

Item		Description	Input required	Input type	Restriction
Status		Select the processing status of the file. Please select "Check in requested" when registering.	○	List	
Target	File name	The file in "checking out" status will be displayed.	—	—	
Check-in request	Date	Automatically entered when the "Register" button is pressed.	—	Auto	
	Name	Automatically entered when the "Register" button is pressed.	—	Auto	
	File	Please upload the file to be checked-in.	○	Manual	
	DIFF(txt)	Please upload if there is a DIFF file for the target file.	Optional	Manual	
	Test item list (xlsx)	Please upload if there is a test item file for the target file.	Optional	Manual	
	Evidence (zip)	Please upload if there are other evidence files.	Optional	Manual	
Remarks		Free description field.	Optional	Manual	Maximum size 4000 bytes

4.2.5 Check-in

(1) The data in checking-in request will be displayed in "Check-in" menu
    Administrator please update the displayed data and approve / reject check-in of the request target file.

    ※If "automatic check-in" is selected in the file master menu, operation are not required in this menu.

Figure 4.2-6 submenu screen (check-in)

(2) The item list of check-in screen is as below.

Table 4.2-3 screen item list (check-in)

Item		Description	Input required	Input type	Restriction
Status		Select the process status of file. Select "Checking in" for approving the request. Select "Return (check-in request)" for rejecting the request.	○	List	
Target	File	The file in "check-in request" status will be displayed	—	—	
Check-in information	Date	Automatically entered when the "Register" button is pressed.	—	Auto	
	Name	Automatically entered when the "Register" button is pressed.	—	Auto	
	Revision	Please enter the revision number in the case of manual version control. ※Even if revision number is entered, it will be overwritten and updated automatically when linked with Git	○	Manual	
Remarks		Free description field	Optional	Manual	Maximum length 4000 bytes

4.2.6 Cancel

(1) The file data in the following status will be displayed in the "cancel" menu. In the case of canceling registered data, please update the target data and register for cancellation.

※The following 7 status can be cancelled
- ・ Check out requested
- ・ Check out requested (duplicate)
- ・ Checking out
- ・ Check in requested
- ・ Checking in
- ・ Return (check-out request)
- ・ Return (check-in request)

Figure 4.2-7 submenu screen (cancel)

(2) The item list of cancel screen is as below.

Table 4.2-4 screen item list (cancel)

Item		Description	Input required	Input type	Restriction
Status		Select the processing status of file. Please select "cancel" when requesting.	○	List	
Target	File name	The target file is displayed.	—	Auto	
Remarks		Free description field.	Optional	Manual	Maximum length 4000 bytes

4.2.7 Automatic difference extraction function

The following is the description of the DIFF file that is automatically generated during the check-in request.

■ DIFF file automatic generation
In the following cases, the DIFF file will be generated automatically
・DIFF file was not uploaded during the check-in request
・The target file type is "text" type.
※It takes maximum 10 seconds for the DIFF file to be generated automatically.
※If the character encoding of the file is other than UTF-8, the DIFF file may not be able to generate automatically.

■ How to read DIFF file (example)
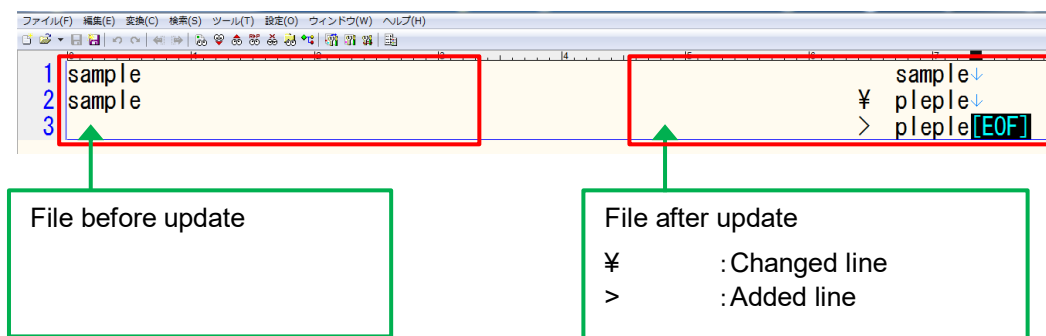
Figure 4.2-8 DIFF file sample

5. Material Linkage function

The following is the description of the Material Linkage function.

5.1　What is Material Linkage function

Material linkage function is a function that automatically links the file managed in construction file management function with file upload items in various menus of ITA.

5.2　Image of Material Linkage function

The following figure takes registering link to the Ansible driver - playbook list console as an example.

File operator	BackYard

②Register file linkage

Register the following information

"File link list" menu
Link destination file name: start_service
File name   : service.yml
Playbook files   : ●

①Git association

Initial synchronization with Git or register the file that needs check-in / check-out to the file list menu

③Link with the link destination

Register the following information

"Playbook files" Menu
Playbook file name：start_service
Playbook file   ：service.yml

④File check-in/check-out

Check-in/Check-out service.yml and update the file content

If the information of "Link destination file name" registered in ②
・exists in link destination→the existing data will be updated
・not exist in link destination→ new file will be registered

⑤Playbook files

Auto update according to the linkage information in ①
"Playbook files" Menu
Playbook file name：start_service
Playbook file   ：service.yml

If revision is specified during the ② registration, the data will not be updated.

6. Application operation

The operation to utilizing this function is not only inputs by user usage from the browser screen of client PC but also operations according to system operation and maintenance. The available operation and maintenance are as follows.

- Maintenance
- Change log level

6.1 Maintenance

The required files for construction file management function process to start/stop/restart are as below

Description	Target file name
Automatic check-in / check-out function. Check-in / check-out file and associate with Git according to the data registered in file management function.	ky_material_management.service
Material linkage function (Ansible) Automatically associate the file managed in file management menu with Ansible-driver menu	ky_material_linkage_ansible.service
Material linkage function (DSC) Automatically associate the file managed in file management menu with DSC-driver menu.	ky_material_linkage_dsc.service
Material linkage function (OpenStack) Automatically associate the file managed in file management menu with OpenStack-driver menu	ky_material_linkage_openstack.service

The target file is stored in "/usr/lib/systemd/system"
The method to start/stop/restart the process are as follows.
Please execute the commands with root privilege.

① Start process

```
# systemctl start ky_material_management.service ↵
```

② Stop process

```
# systemctl stop ky_material_management.service ↵
```

③ Restart process

```
# systemctl restart ky_material_management.service ↵
```

Please substitute the target file name to start / stop / restart the process.

6.2   Change log level

① Change to NORMAL level

Rewrite the 8th line of the following file from "DEBUG" to "NORMAL".
Log level setting file： <insallation direcotory>/ita-root/confs/backyardconfs/ita_env

② Change to DEBUG level

③ Rewrite the 8th line of the following file from "NORMAL" to "DEBUG".
Log level setting file： <installation direcotory>/ita-root/confs/backyardconfs/ita_env

After rewriting the file, **the change takes effect after restarting the process.**

Please refer to "6.1 Maintenance" for restart.
Log file output destination： <installation directory>/ita-root/logs/backyardlogs