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BioStar 2, device, text

Changing the Device Language (Custom)

[English Display at English Language Setting / Spanish Display at Custom Language Setting]



It is possible to customize languages, or to change the message displayed on the device by configuring the device's resource file. Follow the steps below to change the texts displayed on the device (Facestation F2).

How to set up?

1. Download the Resource file zip folder that matches the device at [BioStar 2] Changing the Device Language (Translation) and unzip the zip folder.

17Sep2022_Resource file.zip

2/9

bln2_v1.5.0_20220621_resource.rc	2022-06-21	39.0 KB		
		22.2 Pd2		
bs2_v1.10.1_20211123_resource.rc	2021-06-21	44.1 KB		
bsa2-all_v1.9.1_20220308_resource.r	rc 2021-11-02	58.4 KB		
bsl2_oX_v1_6_1_20210324_sign.rc	2020-11-19	37.4 KB		
fs2_v1.5.2_20220614_string.rc	2022-06-14	55.4 KB		
fstf2-all_v2.0.3_20220705_string.rc	2022-07-05	63.3 KB		
xs2-all_v1.1.4_20220805_string.rc	2022-08-05	63.6 KB		
Compressed Folder Tools				
	Date modified	Туре	Size	
urceTool_IncludeFSF2	9/27/2022 2:35 PM	Application	7	0 KB
2022_Resource file eek (8) this month (23)	9/27/2022 3:37 PM			
		Extract All Pin to Start Share Open with Give access to	0	>
	bsl2_oX_v1_6_1_20210324_sign.rc fs2_v1.5.2_20220614_string.rc fstf2-all_v2.0.3_20220705_string.rc xs2-all_v1.1.4_20220805_string.rc Compressed Folder Tools wnloads (2) crceTool_IncludeFSF2 s2022_Resource file eek (8)	bsl2_oX_v1_6_1_20210324_sign.rc 2020-11-19 fs2_v1.5.2_20220614_string.rc 2022-06-14 fstf2-all_v2.0.3_20220705_string.rc 2022-07-05 xs2-all_v1.1.4_20220805_string.rc 2022-08-05 compressed Folder Tools Date modified (2) 9/27/2022 2:35 PM arceTool_IncludeFSF2 9/27/2022 3:37 PM arceK (8) 9/27/2022 3:37 PM	bsl2_oX_v1_6_1_20210324_sign.rc 2020-11-19 37.4 K8 fs2_v1.5.2_20220614_string.rc 2022-06-14 55.4 K8 fstf2-all_v2.0.3_20220705_string.rc 2022-07-05 63.3 K8 xs2-all_v1.1.4_20220805_string.rc 2022-08-05 63.6 K8 compressed Folder Tools 0ate modified Type vnloads 0ate modified Type (2) 9/27/2022 2:35 PM Application value (8) 0pen in new G Share with Si Extract All pin to Start Pin to Start Pin to Start (2) Open with Give access t	bsl2_oX_v1_6_1_20210324_sign.rc 2020-11-19 37.4 K8 fs2_v1.5.2_20220614_string.rc 2022-06-14 55.4 K8 fstf2-all_v2.0.3_20220705_string.rc 2022-07-05 63.3 K8 xs2-all_v1.1.4_20220805_string.rc 2022-08-05 63.6 K8 Compressed Folder Tools v © vnloads v © (2) 9/27/2022 2:35 PM Application 7 v2022_Resource file 9/27/2022 3:37 PM Open Open in new window eek (8) Open in new window Share with Skype Extract All Pin to Start L* L* Pin to Start L*

- 2. Download the Resource Tool. It is located inside the latest resource file.
- 3. Open ResourceTool_IncludeFSF2.exe and run as administrator.

View Application Tools	lioads				
C > Downloads			~	ō	,P Search Downloads
Name	Date modified	Туре	Size		
/ Today (2)					
17Sep2022_Resource file	9/27/2022 3:37 PM	Compressed (zipp		106 KB	
ResourceTool_IncludeFSF2	9/27/2022 2:35 PM	Application		70 K R	
Last week (8)		Open			
East week (0)	•	Run as administrator			
Earlier this month (23)	0	Share with Skype			
		Troubleshoot compati	tibility		

4. Press **Open** and choose the relevant resource inside the Resource file that fits the device. Select

All file to search the resource file. Make sure that the device and the resource file's firmware match.

🔡 Resource Tool					_	
Open And Buil	d					
				Оре	en	Save
TagWrite Version : 1 DeviceType	○ 0 ○ 0 : BioStation2 ○ ○	Card Type :	Mifare	~	E	Build
Resource Tabl	e			· · · · · · · · · · · · · · · · · · ·		
🛃 Open						×
$\leftarrow \rightarrow - \uparrow$ This	PC > Downloads > 17Sep2022_Resource file			v Ö	,P Search	17Sep2022_Resource
Organize • New folder	1					iii • 🔟 👔
google ^	Name	Date modified	Туре	Size		
New folder	bin2_v1.5.0_20220621_resource.rc	9/27/2022 4:11 PM	RC File		39 KB	
 OneDrive 	bs2_v1.10.1_20211123_resource.rc	9/27/2022 4:11 PM	RC File		45 KB	
	bsa2-all_v1.9.1_20220308_resource.rc	9/27/2022 4:11 PM	RC File		59 KB	
 OneDrive 	bsl2_oX_v1_6_1_20210324_sign.rc	9/27/2022 4:11 PM	RC File		38 KB	
This PC	fs2_v1.5.2_20220614_string.rc	9/27/2022 4:11 PM	RC File		56 KB	
3D Objects	fstf2-all_v2.0.3_20220705_string.rc	9/27/2022 4:11 PM	RC File		64 KB	
Desktop	xs2-all_v1.1.4_20220805_string.rc	9/27/2022 4:11 PM	RC File		64 KB	
Documents						
- Downloads						
h Music						
F Pictures						
Videos						
Local Disk (C:)						
filena	mer fstf2-all_v2.0.3_20220705_string.rc			~	All file(".")	~
Piena	The ment of the			~		_
					Open	Cancel

5. Fill out the information at **TagWrite** (Firmware Version, Device Type, Card Type). Note that the **DeviceType** must match to read resources at BioStar 2.

🔡 Resource Tool	-	
Open And Build		
C:\Users\suprema\Downloads\17Sep2022_Resource file	Open	Save
TagWrite		
Version : 2 0 3 0		Build
DeviceType : FaceStationF2	~	

6. Change the text under **Resource Table** for text customization displayed on the device by editing here directly.

🖶 Resour	ce Tool — 🗆	\times
Open An	d Build	
C:₩Us	ers₩suprema₩Downloads₩17Sep2022_Resource file 🔶 Open Sav	/e
TagWrit		
Versio	n : 2 0 2	
Device	eType : FaceStationF2 Card Type : Mifare Build	
Resourc		
		^
1	//Korean	
2	//0 : ISO_639_Alpha2 ex) "ko" is Korean,	
3	0 ko	
4	1 선택	
5	5 취소	
6	6 인증 성공	
7	7 안증 실패	
8	8 정상 확인	
9	10 사용자	
10	11 인증	
11	13 화면과 소리	
12	14 이벤트 로그	
13	15 장치	
14	16 통신	
15	17 확인	
16	19 사용자 추가	
17	20 사용자 편집	
18	21 사용자 삭제	

7. The edited information can be saved by pressing **Save**. Make sure to save the files in Resource file format (.rc).

💀 Resource Tool	-	
Open And Build		
C:#Users#suprema#Downloads#17Sep2022_Resource file	Open	Save
TagWrite Version : 2 0 3 0 DeviceType : FaceStationF2 Card Type : Mifare		Build
Resource Table		

ganize • New fold	er				III • 🤇
OneDrive	Name	Date modified	Туре	Size	
OneDrive	bin2_v1.5.0_20220621_resource.rc	9/27/2022 4:11 PM	RC File	39 KB	
Oneurive	bs2_v1.10.1_20211123_resource.rc	9/27/2022 4:11 PM	RC File	45 KB	
This PC	bsa2-all_v1.9.1_20220308_resource.rc	9/27/2022 4:11 PM	RC File	59 KB	
3D Objects	bsl2_oX_v1_6_1_20210324_sign.rc	9/27/2022 4:11 PM	RC File	38 KB	
Desktop	fs2_v1.5.2_20220614_string.rc	9/27/2022 4:11 PM	RC File	56 KB	
Documents	fstf2-all_v2.0.3_20220705_string.rc	9/27/2022 4:11 PM	RC File	64 KB	
Downloads	xs2-all_v1.1.4_20220805_string.rc	9/27/2022 4:11 PM	RC File	64 KB	
h Music					
Pictures					
Videos					
Local Disk (C:)					
Network v					
File name: FSF2	test				
	arce file(".rc)				

Changing Language Display at Custom Setting

Here is a demonstration of putting a custom language to the device. I will set the language to **Custom** and change the "Access Granted" window to display it in Spanish "Accesso Permitido."

*Note: If you use a language that requires a special font, scroll down the list and find the font at the end of the .rc file, uncomment and erase the section (for example, erase Latin :), and add **60000** to apply the font.

	2764	//Latin : HelveticaNeueOTS
	2765	//Japanese : HeiseiKakuGothW5_213_C
	2766	//Chinese : MYuenSemiBd18030C
	2767	// Arabic : UtahOTSArabic
	2768	//60000 UtahOTSArabic
۲	2764	60000 HelveticaNeueOTS
	2765	//Japanese : HeiseiKakuGothW5_213_C
	2766	//Chinese : MYuenSemiBd18030C
	2767	// Arabic : UtahOTSArabic
	2768	//60000 UtahOTSArabic

ex. Selecting Latin Font to display the username or text in Latin

1. Find the **Custom** section at the **Resource Table**.

Resou	ce Tool — 🗆 🔿
pen A	nd Build
C:₩U	sers\suprema\Downloads\17Sep2022_Resource file 🔿 Open Save
TagWr	te
-	nn : 2
	eType : BioStation2 Card Type : Mifare UBuild
lesour	ce Table
183	-
183	1 36512 Check Temperature Fail
183	2 36513 Success
183	3 36514 Anonymous Fail
183	4 36515 Enter face and measure temp,
183	5 36516 Skin Temperature Correction
183	6 36517 Not measured correctly
183	7 36518 Measure temp, with a mask on
183	8 //Occupancy Limit Zone
183	9 36519 Occupancy Limit Violation (Count Full)
184	0 36520 Occupancy Limit Violation (Network Failure)
184	1 //36521 Occupancy Limit Excused
184	2
184	3 //Custom
184	4 //40000 : ISO_639_Alpha2 ex) "ja" is Japanese,
184	
184	6 40001 Select
184	7 40005 Cancel
184	8 40006 Access Granted
184	9 40007 Access Denied
185	0 40008 Access Granted

2. Find "Access Granted" and double click to edit. Change to "Acceso Permitido."

	1843	//Custom
	1844	//40000 : ISO_639_Alpha2 ex) "ja" is Japanese,
	1845	40000 ja
	1846	40001 Select
	1847	40005 Cancel
۲	1848	40006 Access Granted
	1849	40007 Access Denied
	1850	40008 Access Granted
	1851	40010 USER
	1843	//Custom
	1844	//40000 : ISO_639_Alpha2 ex) "ja" is Japanese,
	1845	40000 ja
	1846	40001 Select
	1847	40005 Cancel
۲	1848	40006 Acceso Permitido
	1849	40007 Access Denied
	1850	40008 Access Granted
	1851	40010 USER

3. Press **Build**. A **.bin** file will be created at the location of the Resource Tool. I will rename the file to FSF2_RES_Spanish.

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2023/07/13 20:20

🛃 Resource Too	1			-	\Box \times
Open And Bui	ld				
C:₩Users₩	suprema₩Downloads₩17	Sep2022_Resource	file 🗘 🤇	Open	Save
TagWrite					
Version : 2 DeviceType	↓ 0 √ 3 : FaceStationF2 √	Success	×	, —	Build
Resource Tab		File : FSF2_RES_CUS	TOM.bin		
	20 재실 인원 제한 위반 (네		ОК		^
Q2∩ //1 ↓ ⊡ ⊑ Downloa File Home Shar					
← → ∗ ↑ ↓ → ⊺	his PC > Downloads			v Ö	,P Search Download
17Sep2022_Reso *	Name	Date modified	Туре	Size	
17Sep2022_Reso	V Today (4)				
customize text	FSF2_RES_CUSTOM.bin	9/27/2022 5:04 PM	BIN File	64 KB	
New folder	17Sep2022 Resource file	9/27/2022 3:37 PM	Compressed (zipp	106 KB	
OneDrive	ResourceTool_IncludeFSF2	9/27/2022 2:35 PM	Application	70 KB	
CarDina -	17Sep2022_Resource file	9/27/2022 4:11 PM	File folder		

4. Copy the new **.bin** to <Program Files \rightarrow BioStar 2(x64) \rightarrow resource>. Continue with administrator permission.

resource Share	View					
> Th	is PC > Local Disk (C:) > Program Files >	BioStar 2(x64) > resource	e		~	õ
Name	Destination Folder Access Denied You'll need to provide administrator per		□ ×	Size is empty.		
	resource Date created: 9/13/2022 3:3 © More details		ancel			
L I 2 L File H	▼ resource ome Share View ↑ → This PC → Local Disk (Ci) → Program Files	> BioStar2(x64) > resource		ٽ بر ق		Search
Daily	Onboa# ^ Name ^	Date modified	Туре	Size		
	nloads # FSF2_RES_Spanish.bin uments # FSF2_RES_WELCOME.bin uments #	9/27/2022 6:19 PM 9/27/2022 5:04 PM	BIN File BIN File	64) 64)		

- 5. Login to BioStar 2.
- 6. Go to Device and choose the device to customize.

2023/07/13 20:20 8/9 Changing the Device Language (Custom) BioStar 2 🚯 Settings 💑 Port () About () Help All Devices H 4 1/1 H H 50 rows -All Devices FaceStation F2 543614244 543614244 ation F2 543614244 (192.168.116... All Devices 192.168.116.133 FaceSt FaceStation F2 practice Waiting Device

7. Go to Advanced → Display/Sound. Press Update Resources.

Display/Sound					
- Language	English w	Update Resource			
. Volume	• is		Menu Timeout	-	20 sec
Backlight Timeout	20 54	e	Mag. Timeout	-	2.0 sec
+ Screensaver	Enabled				
+ Use Voice	Disabled				

8. The **.bin** file inserted to the resource folder should show up. Press the **.bin** file and press **Apply**.

Language Resource		×		20 sec	
FaceStation F2 543614244 (192.168.116.137)			Confirm		×
Device Type				Are you sure you want to language	
FaceStation F2	FSF2_RES_Spanish.bin			resource update?	
FaceStation F2	FSF2_RES_WELCOME.bin				
				Yes No	
Clos	•				

If successful, this message will appear.

I USB Device



9. The device will reset after applying the resource file. Go back to the **Display/Sound** settings and change the **Language** to **Custom**. Press **Apply**.

Display/Sound						
- Language	Custom	4	Update Resource			
- Volume	한국어			Menu Timeout	-	20 560
	English					20 900
 Backlight Timeout 	Custom			 Msg. Timeout 	•	2.0 sec
Screensaver	Enabled					

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- Secure Temper Con * All the users, logs, and encryption key in the device will be removed at the secure temper event.	
Thermal & Mask	•
	Apply Cancel

10. Check to see if the customization is applied on the device through authentication.

changing_the_device_language_or_device_text_message_custom_.mp4

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