

# User Manual

## **Q-Roi Navigation System for Porsche**

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# Warning



Warning

- Do not modify, dismantle or unintended operation this system outside Qnavi After Sales. Damage occurred by unintended operation may cause Qnavi After Sales service void.



Warning

- During installation ignition key should be taken off and after all installation finish connect power cable with interface for the last step.
- Power cable should be separated when connecting interface.
- Should be no any electronic devices or magnetic pole around installation place.
- All steps of installation should be done by well-trained specialist.
- Dismantling without manufacturer's permission can not be guaranteed, (No permission to break attached label on the board.)
- Kindly check all parts are in the box, when receiving the product, if anything missing, inform to the supplier or manufacturer. According to our sales policy, any problems caused by user's mistake, careless can not be guaranteed.

# 1. Features

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- Android 4.2.2 (Jelly Bean)
- Processing Speed improvement  
(1GHz Cortex A9 Dual-Core CPU)
- Install&update variable Applications through Android Play-Store
- Video output fitted with individual car
- Support a variety of multimedia parts  
(3\*Video Input, 1\*Rear Camera Input, 1\*MIC, 1\*SPK)
- Support a variety of ways to store and communicate  
(5\*USB 2.0, 1\*SDHC Slot)
- Easy installation by Plug & Play
- Parking Assistant System(PAS)

## 2. General Spec

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OS	Android 4.2.2 (Jelly Bean)
CPU	Telechips TCC8930 (1GHz Cortex A9 DualCore)
Display	OEM LCD
Internal Memory	DDR3 1GB RAM + 8GB eMMC
External Memory	SDHC Slot Support (up to 64GB)
Function	A/V Input x 3, Rear Cam Input x 1, CAN(Controller Area Network) x 2, Mic x 1, External Speaker x 1 (mono), External Audio Out x 1(Car Aux),
Output	LVDS ( thru Video Interface)
Touch Type	Resistive Touch
GPS	SiRF
Resolution	800*480
USB	USB 2.0 x 5 (USB x 4, OTG USB x 1)
Input Voltage	12V
Temperature	operating 0 C to 60 C
	Storage -20 C to 60 C
Languages	multi-languages

# 3. Use of OEM button

## Monitor



※ NAVI button  
Short press- Mode switch



※ OPTION button  
Long press(5 seconds) - RESET

## Steering Wheel



※ BACK button  
Long press(5seconds) - Mode switch  
Short press - OEM mode

# 4. How to use

## 4.1 Home main page

※ After turning on the Q-Roi, Home main page shall be shown as below.



### ① Status Alter Bar

To open it, drag down the status bar downwards.

### ② Tap

Able to switch taps between Home main page and Application

### ③ Main Icon

In the main page of Q-Launcher, there are mainly 6 Icons (applications) that driver may use while driving, user can change preferred applications for these icons.

### ④ Navigation Bar



: (Recent App) : User can see running applications and manage them.



: (Home Key): Back to Home screen,  
(Long press and dragging to right) Google Now Launching.



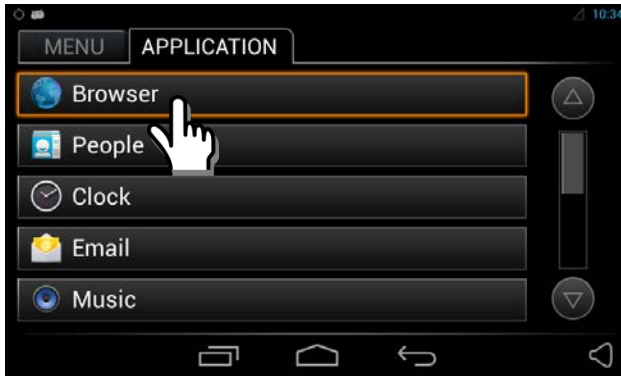
: Back



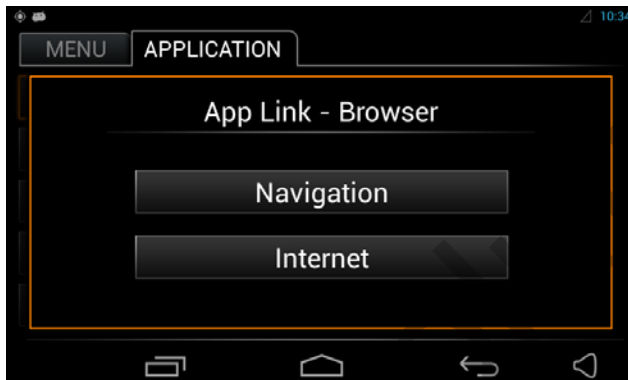
: Sound setting  
[www.car-solutions.com](http://www.car-solutions.com)

# 4. How to use

## 4.2 Main Apps change



1. Long press your desired app in app drawer



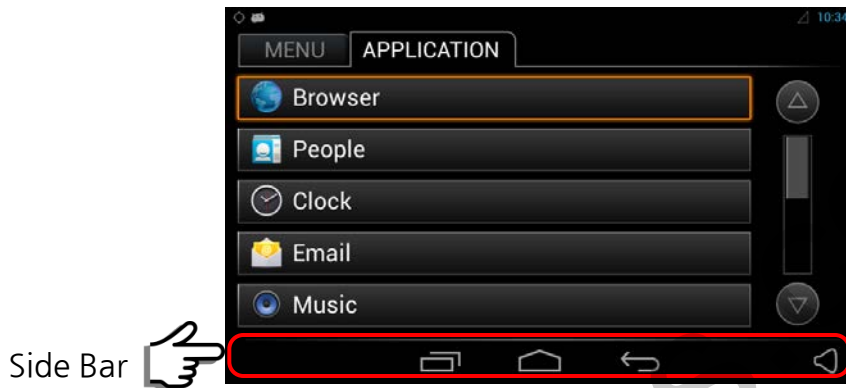
### 2. App change window


- ① Selected app name appears at the top of window.
- ② Select either Navigation or Internet to be linked to.

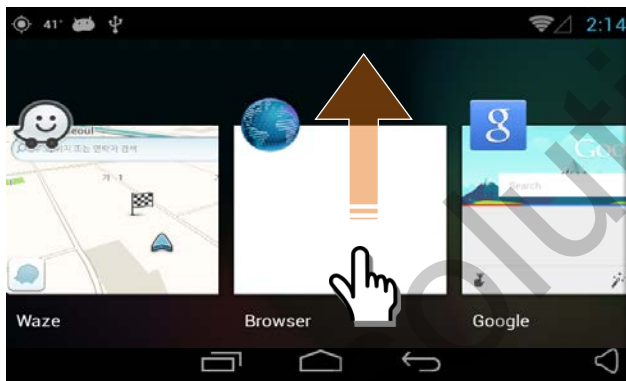
# 4. How to use

## 4.3 Use of Navigation Bar Use


※ Enjoy Q-Roi comfortably through Side bar

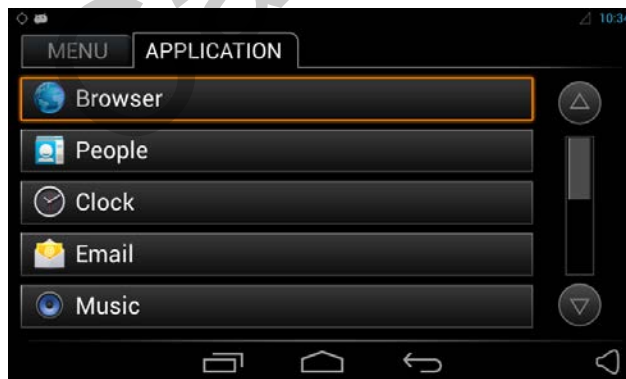


1.  : Able to check, rerun, delete the recent applications



- Once user press this button, all running apps appear.
- User can rerun an app.
- User can remove apps by dragging up

2.  (Home key): (while running the app) Go back to Home main page.





- Short press - Go back to Home main page.

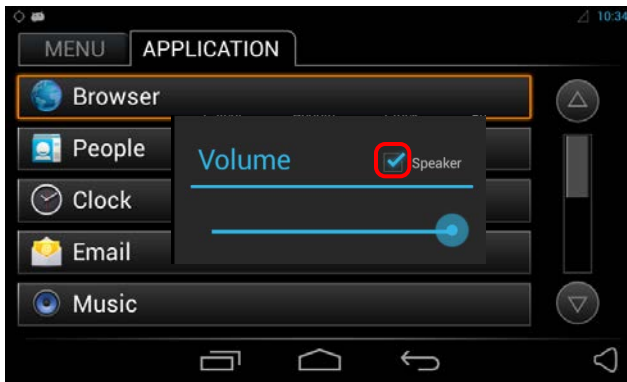


# 4. How to use

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3.  (Back Key) : Return to previous screen

4.  : Q-ROI Volume control and On/Off setting of Q-ROI external speaker



- Once press this button, Sound windows pops up
- User can set on and off of external Speaker  
ON : Enable external speaker  
OFF : Only sound comes from car speaker (AUX)

# 5. Setting

## 5.1 Wi-Fi ON / OFF

※ Q-ROI gets Internet via Wi-Fi dongle from Wi-Fi AP or Mobile Hot Spot.

**APPLICATION ► SETUP ► Wi-Fi** press



### ① Wi-Fi ON/OFF

② Reload  
Search Wi-Fi Network.

### ③ Connected

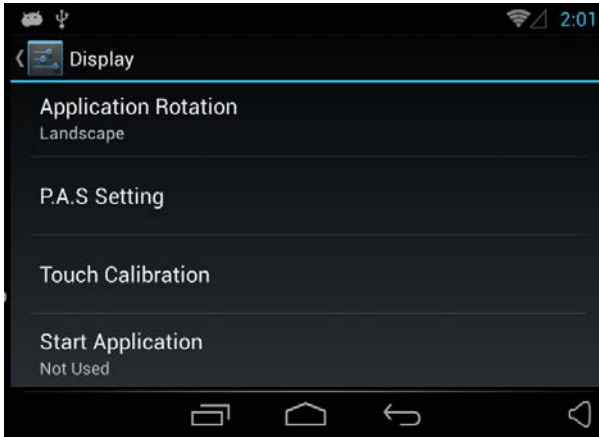
Shows currently connected Wi-Fi network, with long press, user can see the status.

# 5. Setting

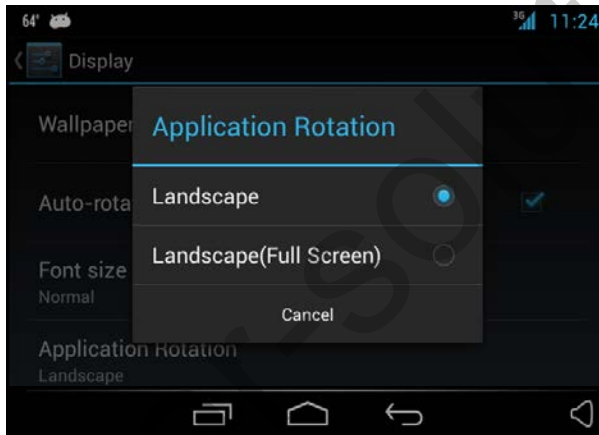
## 5.2 APPLICATION ROTATION

※ Able to change various settings for Q-ROI

**APPLICATION ► SETUP ► DISPLAY ► Application Rotation**

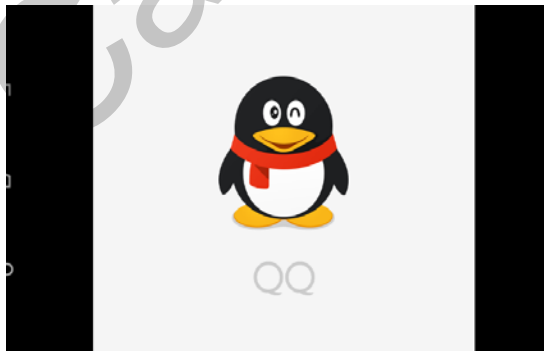


• Press the Display button and The screen shall be shown as left photo.



• Press 'Application Rotation' and you can select two options.  
(Landscape or Full Screen)

Landscape  
Landscape(Full Screen)



〈Landscape mode〉



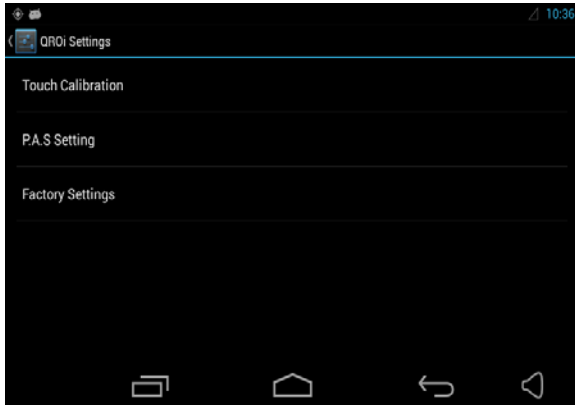
〈Landscape-Full Screen mode〉

# 5. Setting

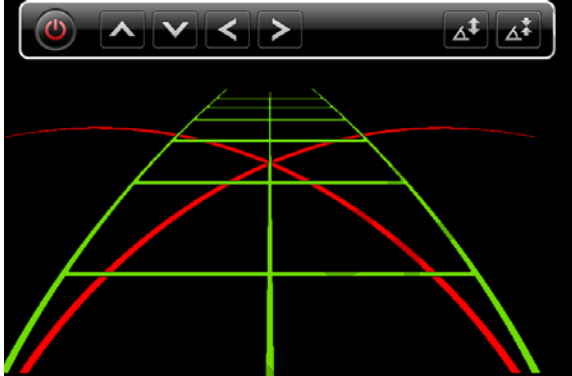
## 5.3 Q-ROI SETTINGS

※ Able to change various settings for Q-ROI

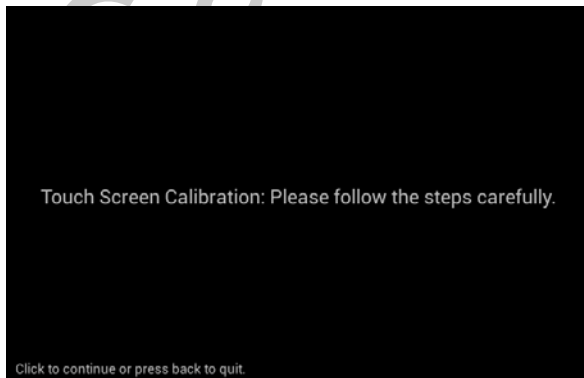
**APPLICATION ► SETUP ► QROI Setting**



• Please refer to the left image



• Select 'P.A.S Setting' to set up Parking guide line



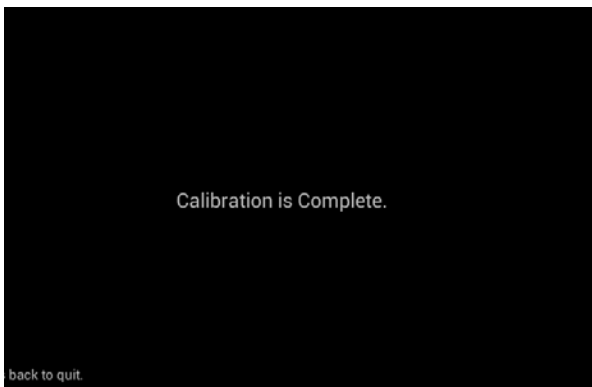
• Select 'Touch calibration'

# 5. Setting

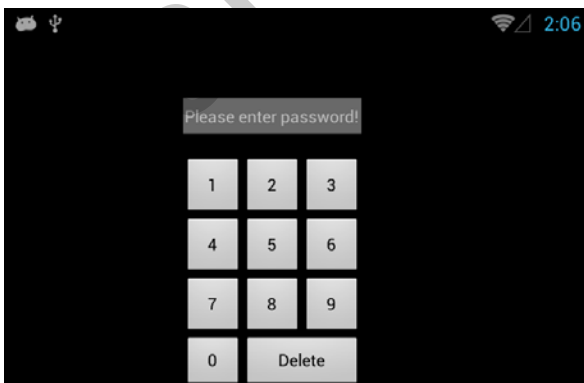
## 5.3 Q-ROI SETTINGS



- Press the targets in order



- It is shown after completion of touch calibration.



- Select 'FACTORY SETTINGS' to set up Q-ROI system.
- \*Enter a password  
(It is required to ask the manufacturer to get the password)

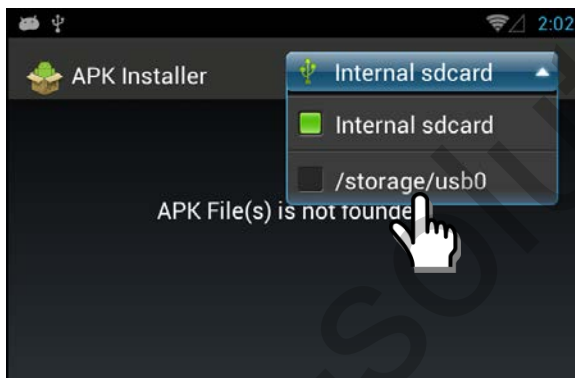
# 5. Setting

## 5.4 Installation of Apps

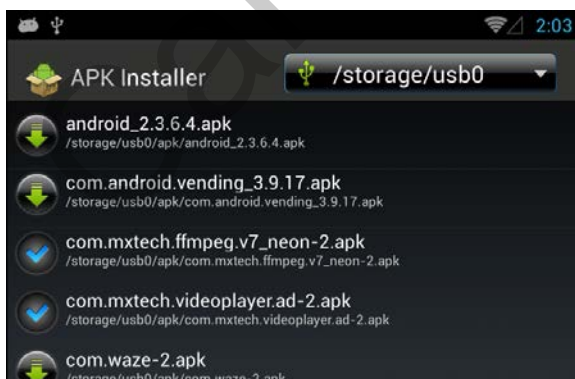
### APPLICATION ► QApkInstaller



- Select Apps and referred image is shown.
- Select QapkInstaller.



- Select a device where APK file is saved



- Select APK file you want to install



: Installation Completed



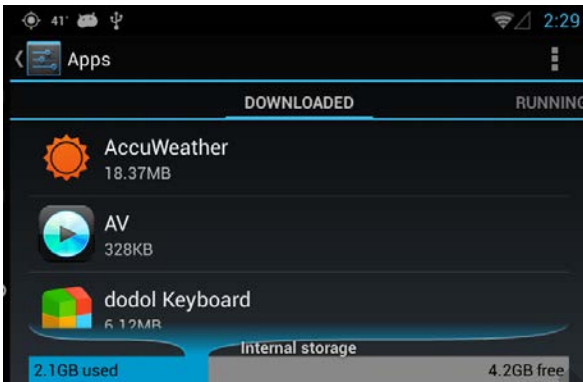
: Not installed

# 5. Setting

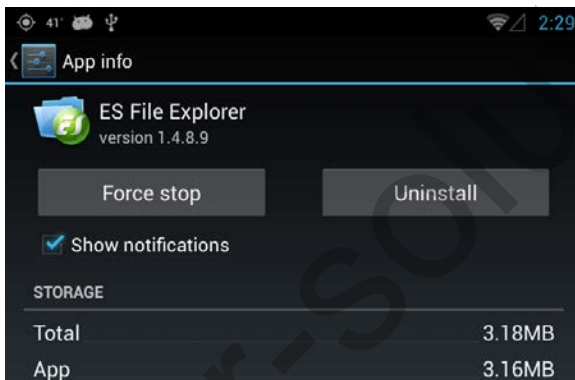
## 5.5 Management of Apps

※ Able to manage installed Apps

**APPLICATION ► SETUP ► Apps**



• Please refer to the left image.

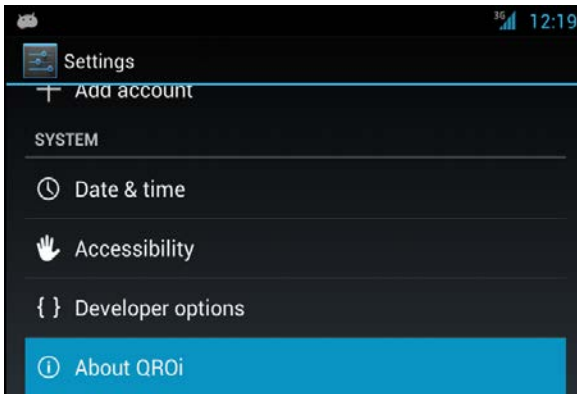


• Able to stop or uninstall applications.

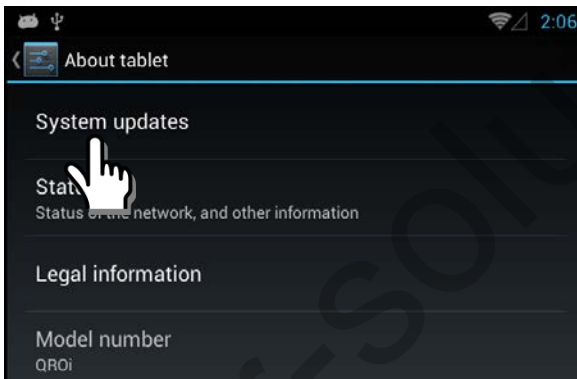
# 5. Setting

## 5.6 System Update

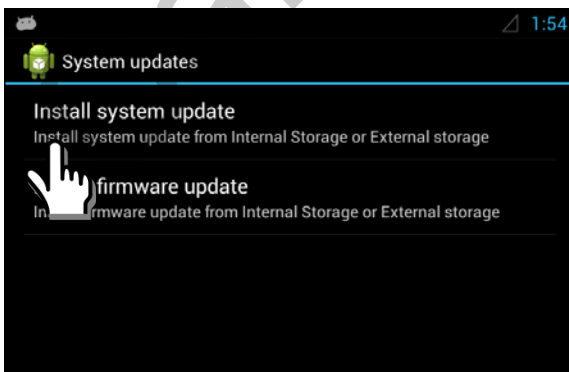
APPLICATION ► SETUP ► About QROi



- Select 'About QROi'



- Select 'System update'

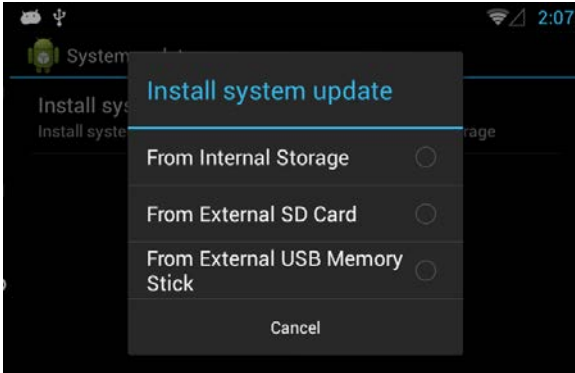


- Select 'Install system update' (Use update.zip)  
\* Please do not unzip the file.
- Select 'Install firmware update' (Use fw.qvl)



# 5. Setting

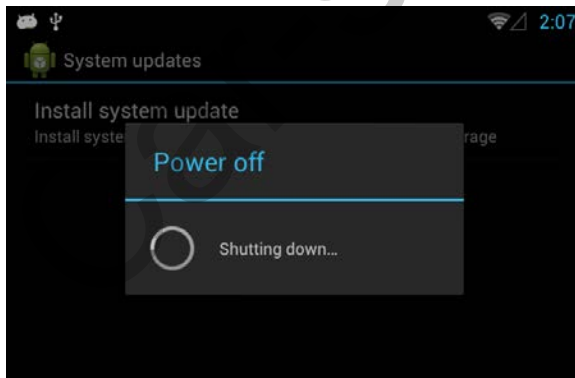
## 5.6 System update



- Select a option where update file is saved



- Press 'Install now' to update



- Update will start after power off

# 5. Setting

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## 5.6 System Update



- Able to check Kernel version

## 6. Quality Warranty

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This product has been tested and have passed under our strict quality control. If the failure occurred due to the carelessness of workmanship within one year after the purchase, we are responsible to repair free of charge.

Please bring this warranty to dealer whom you purchased this product from at the repair time. Should this warranty not presented, repair charged will be on customer. Please keep this warranty card.

Warranty			
Product name	Q-ROI PCM3.1		
Warranty period	1 year	Purchase date (yy/mm/dd)	
Customer	Address		
	TEL		
	Name		
Dealer	Address		
	Name		

# MEMO

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