

# NOVINKY V I2S DIGIBOOK



## Archivy, knihovny, muzea v digitálním světě

27. a 28. listopadu 2024 v Praze

# NOVINKY v i2S Digibook



be visionary

Archivy, knihovny,  
muzea v digitálním  
světě

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v Praze



**EXON**  
Intelligent Document Management



 [petrpolansky](#)

**EXON**

Intelligent Document Management

HERITAGE DIGITIZATION

i2S

be visionary



# Key figures



## Employees

87 employees, 40 engineers



## Scanners worldwide

5000 scanners installed



## Partners network

50 partners worldwide



## Global impact

Worldwide **leader** on book scanner market



## Published pages

150 million pages published on limb gallery

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# i2S QUARTZ formáty A1 - 2A0



# QUARTZ A1 & A1 HD

The combination of image quality and speed

## SCANNERS WITH LINE SENSORS

### VERSATILE LED LIGHTING SYSTEM

Reflection management

→ Best solution for gold & books illuminations

Glare free system

→ Digitize highly reflective documents

Light intensity and left/right adjustments

→ Enhancement of relief on documents or objects

Color Rendering Index >90

→ Excellent colour reproduction

Professional UV/IR free system

→ No damage to documents



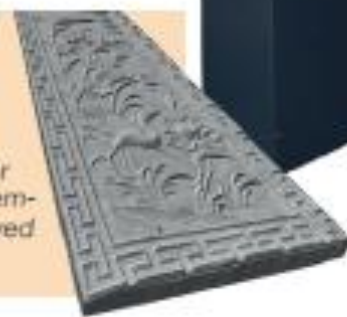
GLARE CONTROL SYSTEM



RELIEF ENHANCEMENT

### 3D SCAN TECHNOLOGY INSIDE

Best 3D imaging solution for documents with relief and embossed surfaces like engraved tablets, paintings, ...



### TWO SCANNERS LARGE FORMAT

QUARTZ A1: up to 1030 x 643 (mm) / (40.5" x 25.3")

QUARTZ A1 HD: up to 1030 x 618 (mm) / (40.5" x 24.3")

### THE HIGHEST LEVEL OF IMAGE QUALITY

Tri-linear RGB sensor

→ No moiré pattern

Camera remains perpendicular to the document center

→ No distortions

MTF at 600 dpi: >90% resolution efficiency (>10,6lp/mm)

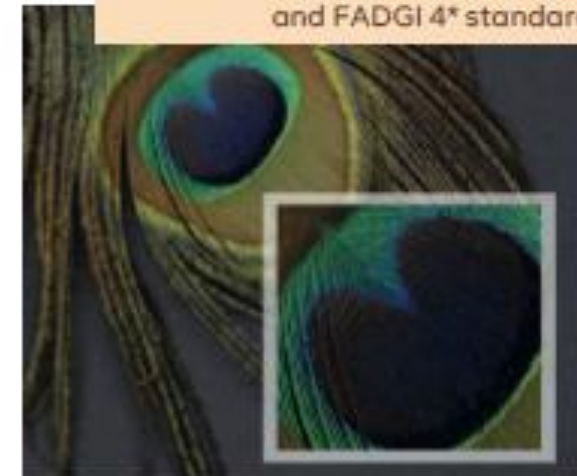
→ For the largest documents (A1)

MTF at 1000 dpi: >90% resolution efficiency (>18lp/mm)

→ For the smallest documents



Quartz A1 HD is compliant with ISO 19264-1/A, Metamorfoze Full and FADGI 4\* standards.



### HIGH LEVEL OF PRODUCTIVITY AND ERGONOMICS

Scan time for standard and HD models: 6s at 300 dpi

Scan time for HD model (A1 HD): 12s at 600 dpi

→ Cycle time divided by two on HD models

Autofocus HD model

→ Fast and repeatable focusing

No mechanical camera shutter

→ Less spare parts, more reliable scanners

### COMPLETE AND OPTIMIZED BOOK CRADLE

Book thickness: up to 25 cm or 40 cm

→ Several options to accommodate different collection types

Pressure sensor and Roberval balance system

→ Protection of your delicate materials

Automatic and removable glass plate

→ Combination of high productivity and ergonomics

Accessory: V-Book holder 2xA2 and 2xA1

→ Digitization at a restricted angle

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# i2S QUARTZ A1 HD



## 6 vteřin

Skenování při 300dpi / A1 HD

## 8 vteřin

Skenování při 400dpi / A1 HD

## 12 vteřin

Skenování při 600dpi / A1 HD



GLARE CONTROL SYSTEM

RELIEF ENHANCEMENT

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# i2S REPROlab







# REPROlab

*Outstanding image quality at an excellent value*



## i2S cameras *Eagle or Rock*

- Anti Moiré technology (True Color)
- Live preview before scanning

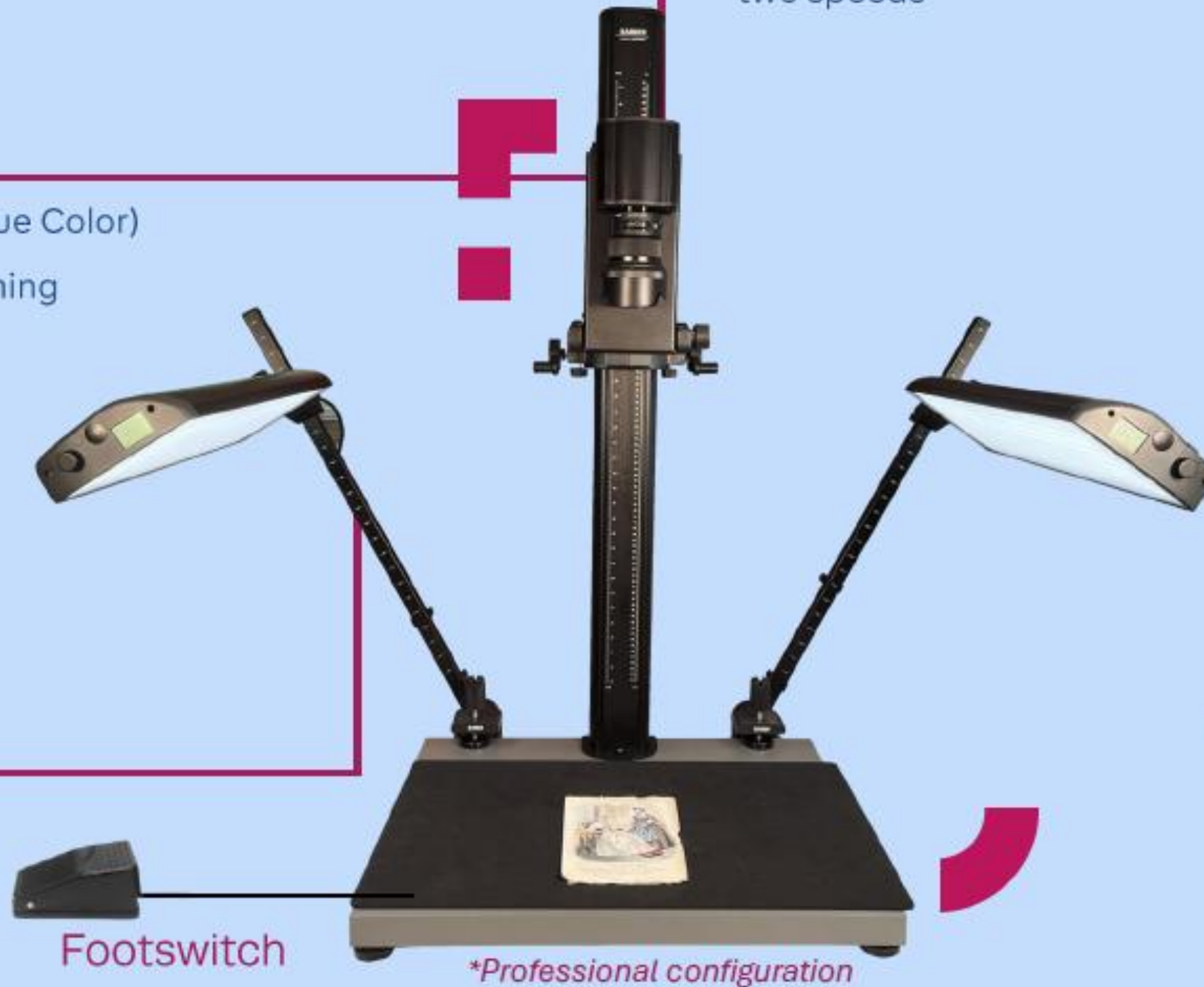
## Motorized *Column*

Motorized height adjustment with two speeds

## Basic or high-quality *Lighting system*

Manage different lighting angles for shadows, reflections and reliefs

## LIMB Capture *Module REPROlab*



Footswitch

*\*Professional configuration*



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# i2S ROCK kamera



Camera ROCK 50mm suitable for:



CopiBook **OS A2**



CopiBook **VShape**

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## Quality, Speed, Performance

### ROCK CAMERA

The latest premium camera  
156 megapixels  
made-in i2S camera  
development laboratory

More efficient  
High-end images, faster  
An unprecedented  
level of quality

Unique BoostPic™ and  
True Color technologies  
inside

#### Certified

400 dpi:		3*		B
600 dpi:		2*		C

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# i2S ROCK kamera

OPEN SYSTEM  
RANGE

SCANNERS WITH  
MATRIX SENSORS



**ROCK CAMERA**  
156 MPixels 600 dpi

- No mechanical shutter
- Autofocus
- Real-time preview
- Automatic format detection

**BoostPic**

Make the **finest details visible**

- Better sharpness
- Reduced noise
- Higher contrast



**True-to-life color digitization**

- Best-ever image quality
- No moiré pattern
- Accurate

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# i2S ROCK kamera

**OPEN SYSTEM RANGE**

**NO MOIRÉ PATTERN**

**BEFORE**  
TRUE COLOR TECHNOLOGY

AVAILABLE ON CAMERAS  
**ROCK AND E-XTRA**

**AFTER**  
TRUE COLOR TECHNOLOGY

**TRUE COLOR**

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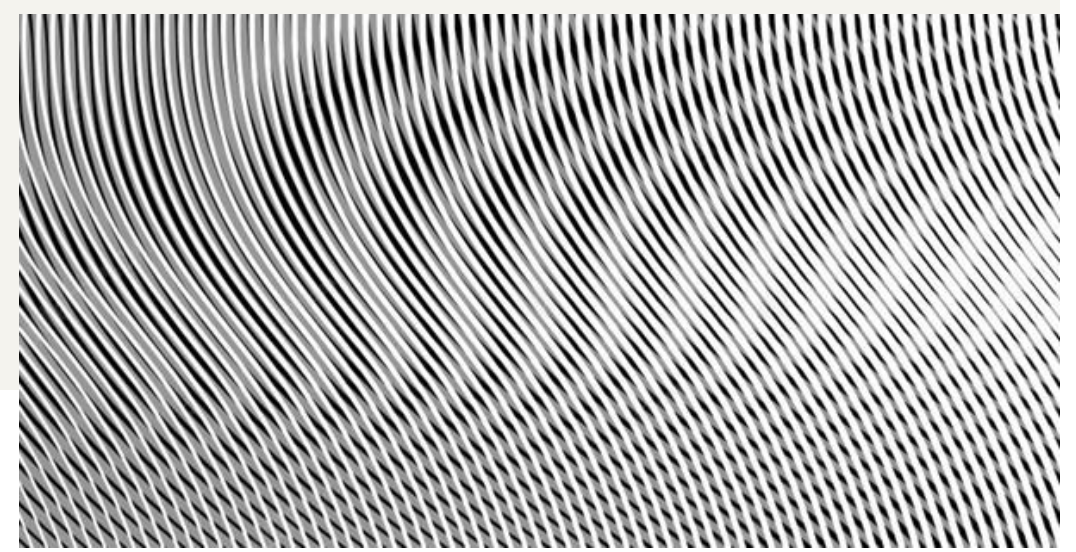
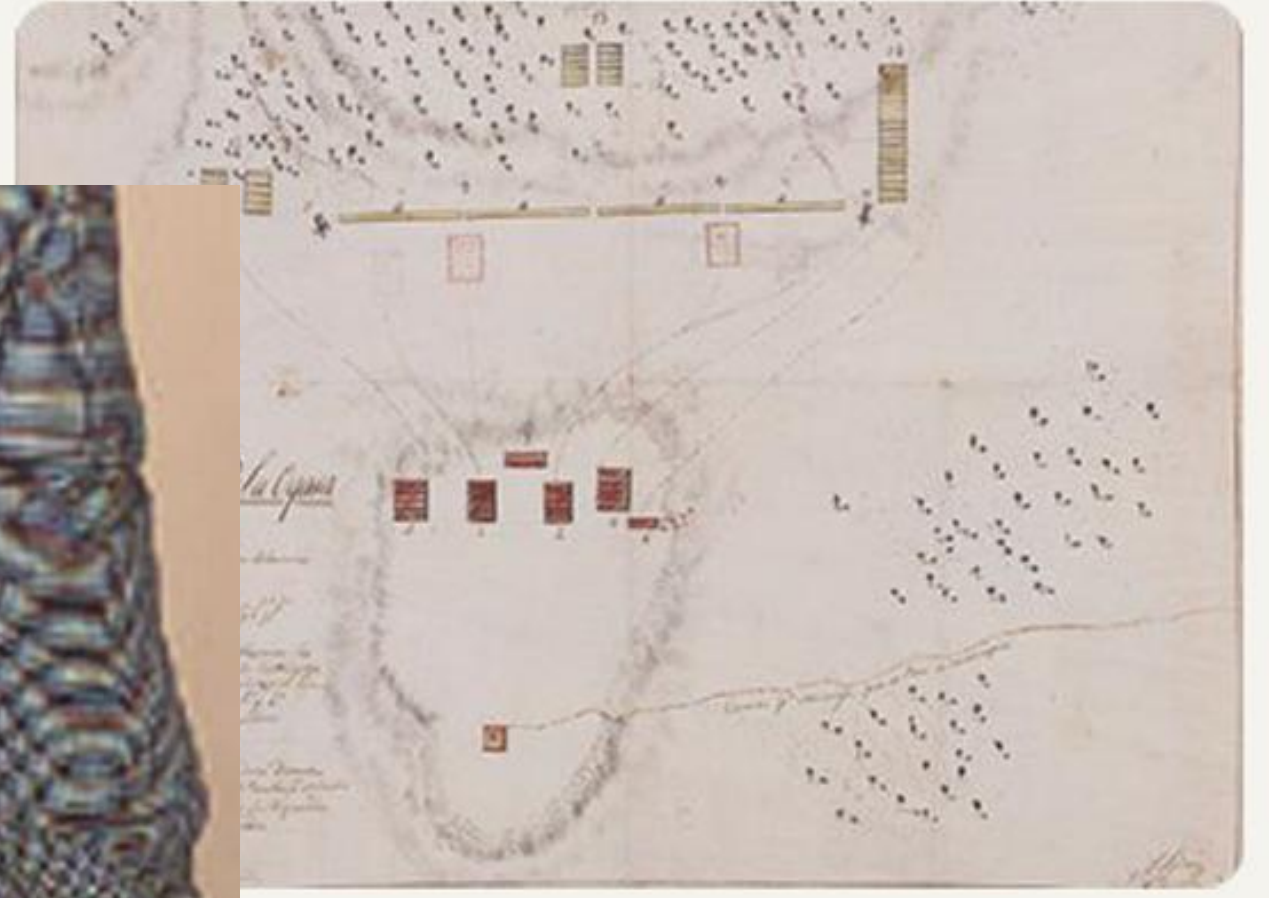
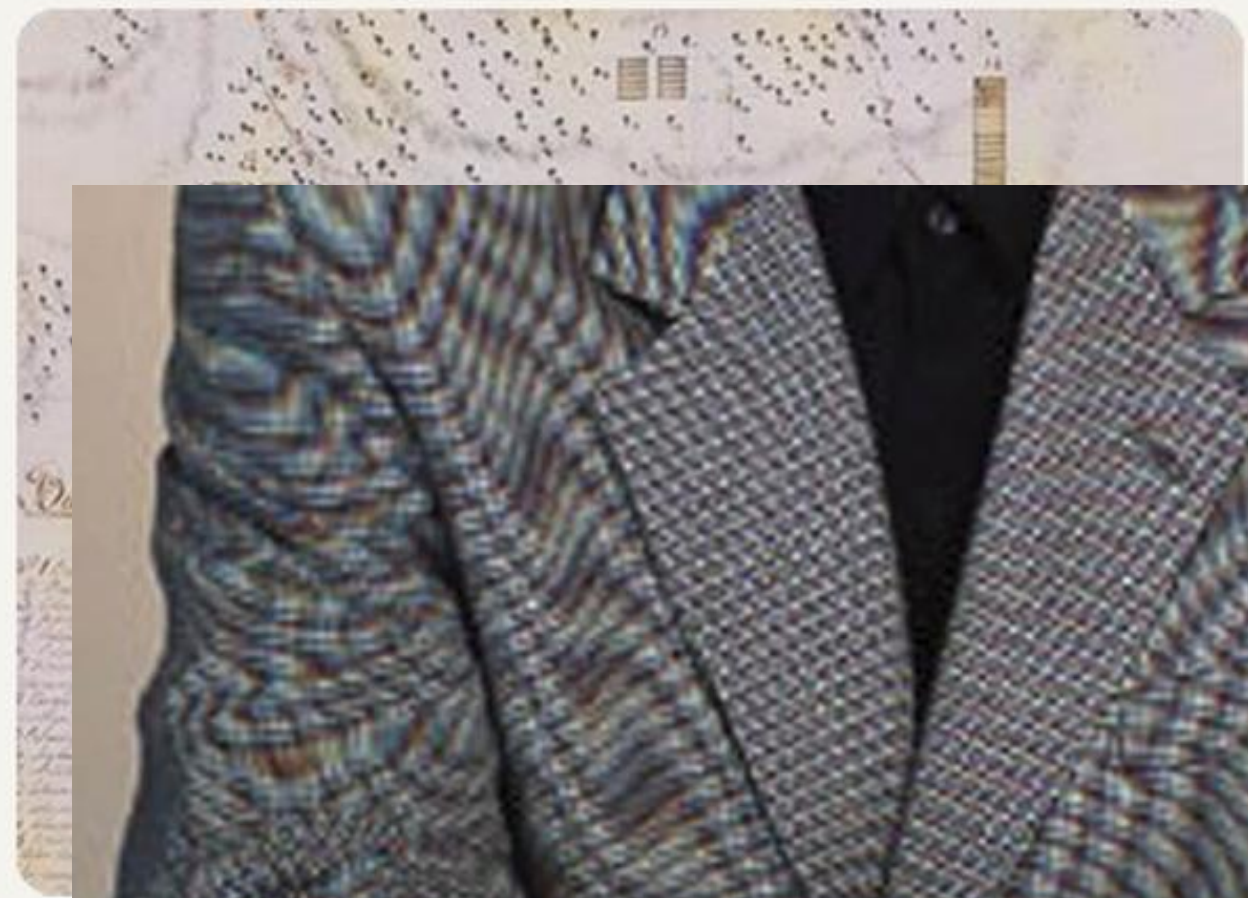
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# i2S ROCK kamera

**OPEN SYSTEM  
RANGE**

**NO MOIRÉ PATTERN**



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## DĚKUJI ZA POZORNOST

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[www.exon.cz](http://www.exon.cz)

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 [petrpolansky](https://www.linkedin.com/in/petrpolansky)

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