

Report on
"Spoken Tutorial - QGIS (for Geography)"

by the National Mission on Education
through Information and Communication Technology (ICT),
launched by Ministry of Education,
erstwhile Ministry of Human Resources and Development,
Government of India.

Title of the Course: “Spoken Tutorial – QGIS (for Geography)”

Total Contact Hours: 3.5 hours

Mode of Registration: Online

Date for Commencement of the Course: May 2, 2023

Closing of the course: June 2, 2023

Total No of Students Registered: 12 students

Course Coordinator: Ms. Sarmistha Deb.

Course Co-Coordinator: Ms. Rajni Khyriem.

Details of Students Enrolled for the Course.

SL. NO.	FIRST NAME	LAST NAME	EMAIL ID	DEPARTMENT	SEMESTER
1	M. KISHAN	SINGHA	kishansingha2002@gmail.com	BIOTECHNOLOGY	FOURTH
2	RITIKA	WAHLANG	ritikawahlang007@gmail.com	BIOTECHNOLOGY	FOURTH
3	PRADAKSHINA	BORBORA	pradakshinaborbora92870@gmail.com	BIOTECHNOLOGY	FOURTH
4	MELAM	DIENGDOH	melamdiengdoh4@gmail.com	BIOTECHNOLOGY	FOURTH
5	GINTHIANMUANG	TUNGLUT	muangboi902@gmail.com	BIOTECHNOLOGY	FOURTH
6	MIGUEL	MYRTHONG	miguelymyrthong@gmail.com	BIOTECHNOLOGY	FOURTH
7	PHANTIMA	RIMAI	maximarimai@gmail.com	BIOTECHNOLOGY	FOURTH
8	ANGSHITA	KASHYAP	angshitakashyap335@gmail.com	BIOTECHNOLOGY	FOURTH
9	KHIWAR	KHUMLO	khiwarkhumlo2003@gmail.com	BIOTECHNOLOGY	FOURTH
10	L. KENNEDY	VAIPHEI	lkennedyvaiphei@gmail.com	BIOTECHNOLOGY	FOURTH
11	PYNTNGENLANG	WAHLANG	pyntngenlangwahlang97@gmail.com	BIOTECHNOLOGY	FOURTH
12	RANJAN	KUMAR	rk6941137@gmail.com	BIOTECHNOLOGY	FOURTH

Details of the ONLINE TEST

SL. NO.	FIRST NAME	LAST NAME	PERCENTAGE
1	M. KISHAN	SINGHA	77.5%
2	RITIKA	WAHLANG	80.0%
3	PRADAKSHINA	BORBORA	55.0%
4	MELAM	DIENGDOH	17.5%
5	GINTHIANMUANG	TUNGLUT	75.0%
6	MIGUEL	MYRTHONG	72.5%
7	PHANTIMA	RIMAI	40.0%
8	ANGSHITA	KASHYAP	52.5%
9	KHIWAR	KHUMLO	70.0%
10	L. KENNEDY	VAIPHEI	82.5%
11	PYNTNGENLANG	WAHLANG	60.0%
12	RANJAN	KUMAR	30.0%

The Spoken Tutorial Project

- Self-explanatory: uses simple language
- Audio-video: uses multisensory approach
- Small duration: has better retention
- Learner-centered: learn at your own pace
- Learning by doing: learn and practise simultaneously
- Empowerment: learn a new **FLOSS** (Free/Libre and Open Source Software)

Target Group

- High School
- Undergraduates
- Post Graduates and Researchers in any field

Workshops

The Spoken Tutorial Project Team conducts workshops on QGIS and other FLOSS using spoken tutorials and gives certificates to those who pass an online test.

Forum

We have developed a beginner friendly Forum to answer specific questions pertaining to any part of a particular tutorial.

For more details, please visit
<https://forums.spoken-tutorial.org>.

The Spoken Tutorial Project
is funded by the
National Mission on Education through
Information and Communication Technology,
Ministry of Human Resource Development,
Government of India.

Contact us

Email: contact@spoken-tutorial.org
Website: <https://spoken-tutorial.org>

Forum help
available
to all learners

Content available
in
22 Indian languages



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Spoken Tutorial

<https://spoken-tutorial.org>



Scan the QR code to
visit Spoken Tutorial website



National Mission on Education through
Information and Communication Technology
(NMEICT)

www.sakshat.ac.in

Funded by MHRD, Government of India.

Pandit Madan Mohan Malaviya
National Mission on Teachers and Teaching,
MHRD, Government of India

Introduction

- QGIS is a free and open-source cross-platform desktop geographic information system application that supports viewing, editing, and analysis of geospatial data.
- QGIS easily integrates with other open-source GIS packages, including PostGIS, GRASS GIS, and MapServer.
- QGIS is the leading alternative to any proprietary GIS software

Download and Installation

Please use the link given below for download and installation

<https://www.qgis.org/en/site/forusers/download.html>

Or

<https://spoken-tutorial.org/watch/QGIS/Installation+of+QGIS/English/>

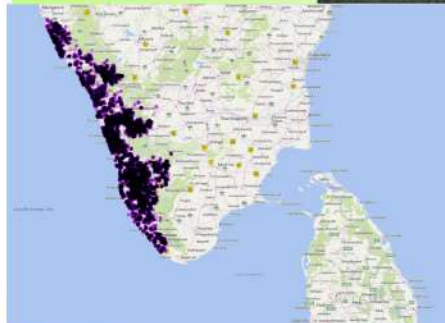
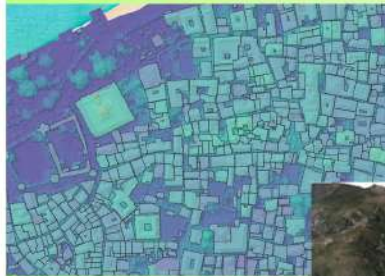
QGIS Spoken Tutorials

Please use the link below to view and download QGIS Spoken Tutorials.

https://spoken-tutorial.org/tutorial-search/?search_foss=QGIS&search_language=English

Features

- Versatility: Platform independent, works on any operating systems. QGIS is subject to the GNU General Public License
- Advanced data creation and editing techniques
- Interoperability between many spatial data formats
- Regularly updated on community collaborations and user demands
- Powerful network analysis library
- No license levels in QGIS, completely free and open-source platform



Benefits of QGIS

- Improved spatial strategic analysis
- QGIS has a powerful Processing Toolbox, integrated with GRASS and SAGA algorithms
- Can automate work-flows with batch processing and to create graphical models.
- Ability to add custom plugins to extend functionality
- Render and create 3D maps with ease
- Integrated core functionalities in every software updates
- Can be used for complex analysis to map composition
- Styling GIS data, from creating custom symbols and color ramps to using blending modes.
- Easy to run Python and integrate data processing scripts
- Capable of Interactive webGIS functionalities
- Used for major scientific analysis
- Ability to add heat maps, live layer effects and labels to your maps



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of QGIS Training

This is to certify that **M. KISHAN SINGHA** has successfully completed **QGIS** test organized at **St. Edmund's College** by **Sarmistha Deb** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Rajni Khyriem at **St. Edmund's College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 2 Score: 77.50%

May 2nd 2023

Prof. Kannan M Moudgalya
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of QGIS Training

This is to certify that **RITIKA WAHLANG** has successfully completed **QGIS** test organized at **St. Edmund's College** by **Sarmistha Deb** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Rajni Khyriem at **St. Edmund's College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 2 Score: 80.00%

May 2nd 2023

Prof. Kannan M Moudgalya
IIT Bombay

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Certificate for Completion of QGIS Training

This is to certify that **PRADAKSHINA BORBORA** has successfully completed **QGIS** test organized at **St. Edmund's College** by **Sarmistha Deb** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Rajni Khyriem at **St. Edmund's College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 2 Score: 55.00%

May 2nd 2023

Prof. Kannan M Moudgalya
IIT Bombay

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Certificate for Completion of QGIS Training

This is to certify that **GINTHIANMUANG TUNGLUT** has successfully completed **QGIS** test organized at **St. Edmund's College** by **Sarmistha Deb** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Rajni Khyriem at **St. Edmund's College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 2 Score: 75.00%

May 2nd 2023

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IIT Bombay

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Spoken Tutorial
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IIT Bombay

Certificate for Completion of QGIS Training

This is to certify that **MIGUEL MYRTHONG** has successfully completed **QGIS** test organized at **St. Edmund's College** by **Sarmistha Deb** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Rajni Khyriem at **St. Edmund's College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 2 Score: 72.50%

May 2nd 2023

Prof. Kannan M Moudgalya
IIT Bombay

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Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of QGIS Training

This is to certify that **PHANTIMA RIMAI** has successfully completed **QGIS** test organized at **St. Edmund's College** by **Sarmistha Deb** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Rajni Khyriem at **St. Edmund's College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 2 Score: 40.00%

May 2nd 2023

Prof. Kannan M Moudgalya
IIT Bombay

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Spoken Tutorial
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Certificate for Completion of QGIS Training

This is to certify that **ANGSHITA KASHYAP** has successfully completed **QGIS** test organized at **St. Edmund's College** by **Sarmistha Deb** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Rajni Khyriem at **St. Edmund's College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 2 Score: 52.50%

May 2nd 2023

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IIT Bombay

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IIT Bombay

Certificate for Completion of QGIS Training

This is to certify that **KHIWAR KHUMLO** has successfully completed **QGIS** test organized at **St. Edmund's College** by **Sarmistha Deb** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Rajni Khyriem at **St. Edmund's College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 2 Score: 70.00%

May 2nd 2023

Prof. Kannan M Moudgalya
IIT Bombay

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Certificate for Completion of QGIS Training

This is to certify that **L. KENNEDY VAIPHEI** has successfully completed **QGIS** test organized at **St. Edmund's College** by **Sarmistha Deb** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Rajni Khyriem at **St. Edmund's College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 2 Score: 82.50%

May 2nd 2023

Prof. Kannan M Moudgalya
IIT Bombay

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Project at
IIT Bombay

Certificate for Completion of QGIS Training

This is to certify that **PYNTNGENLANG WAHLANG** has successfully completed **QGIS** test organized at **St. Edmund's College** by **Sarmistha Deb** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Rajni Khyriem at **St. Edmund's College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Credits: 2 Score: 60.00%

May 2nd 2023

Prof. Kannan M Moudgalya
IIT Bombay

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GPS Map Camera

Shillong, Meghalaya, India

**HV9W+7R8, Laitumkhrah, Shillong,
Meghalaya 793003, India**

Lat 25.568432°

Long 91.896632°

17/09/22 11:41 AM GMT +05:30



Google



GPS Map Camera



Shillong, Meghalaya, India

Police POint Road, near ICICI Bank,

Laitumkhrah, Shillong, Meghalaya 793003, India

Lat 25.57052°

Long 91.89723°

18/04/23 12:37 PM GMT +05:30



GPS Map Camera



Shillong, Meghalaya, India

HVCW+5W6, Don Bosco Rd, Nongkynrih,

Laitumkhrah, Shillong, Meghalaya 793003, India

Lat 25.570417°

Long 91.897306°

18/04/23 12:36 PM GMT +05:30



GPS Map Camera



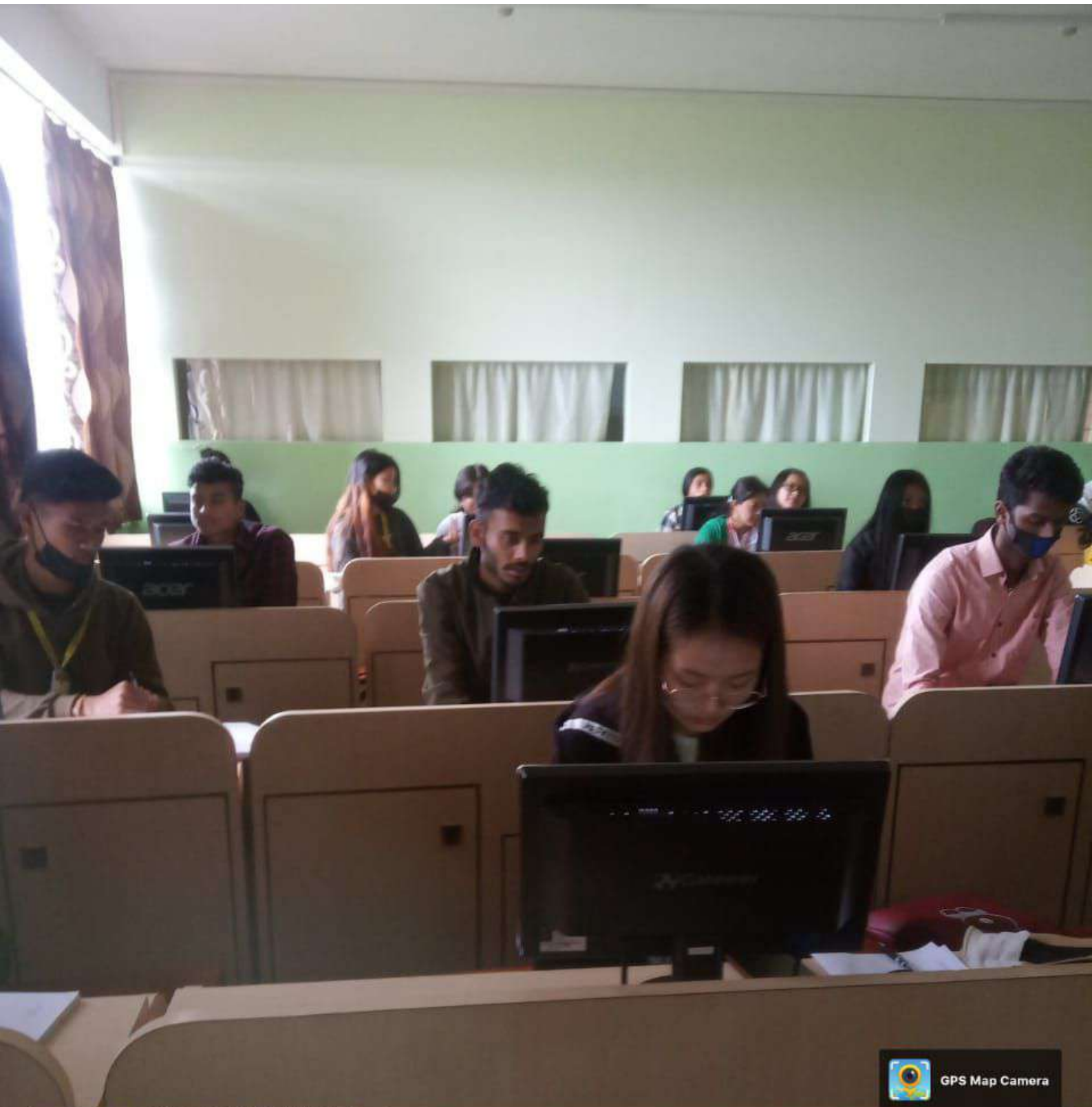
Shillong, Meghalaya, India

HVCV+FRC, Upland Rd, Nongkynrih, Laitumkrah,
Shillong, Meghalaya 793003, India

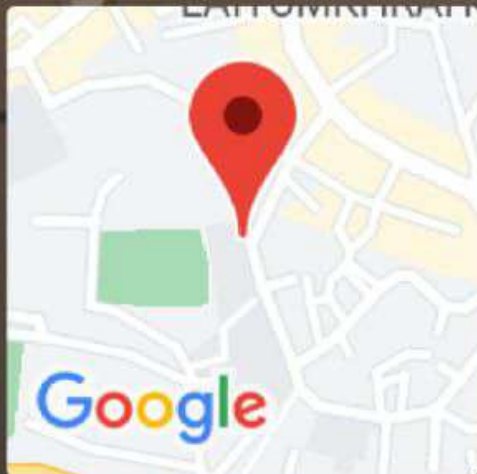
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GPS Map Camera



Shillong, Meghalaya, India

HV9W+7R8, Laitumkhrah, Shillong,
Meghalaya 793003, India

Lat 25.568475°

Long 91.896855°

29/06/22 11:50 AM



GPS Map Camera

Shillong, Meghalaya, India

HV9W+7R8, Laitumkhrah, Shillong,
Meghalaya 793003, India

Lat 25.568361°

Long 91.896722°

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