



★ 25TH EDITION · SILVER JUBILEE ★

MicrobiOlympiad

A Life Science Fiesta!

India's national microbiology competition for undergraduate and postgraduate life-science students — running since 2001, in remembrance of Louis Pasteur & Robert Koch.

2001 – 2026 · A quarter-century of microbiology

Registrations **21 Sep – 30 Oct 2026**

Final screening quiz **20 Jan 2027**

Grand Finale **Feb 2027**

microbiolympiad.org

A QUARTER-CENTURY OF MICROBIOLOGY

Twenty-five years of igniting scientific curiosity

From a single contest in 2001 to a national network of 100+ colleges, the 25th MicrobiOlympiad marks twenty-five years of inspiring life-science students across India. Founded by Prof. Ulhas Patil and dedicated to Louis Pasteur & Robert Koch, it has grown every year into the country's foremost celebration of budding microbiologists.

25

Years since 2001

100+

Partner colleges

11

Events & themed contests

Feb 2027

Grand Finale · The Institute of Science, Mumbai

THE PROGRAMME

Eleven ways to compete, create & learn

A flagship quiz plus ten themed contests spanning writing, art, presentation, code, drama, AI and model-making. Two events are free; every other event has a nominal fee of ₹125 per participant, per event / theme.

01

MicrobioLogical Contest

Online MCQ screening quiz

₹125

02

MicrobioSlate

Scientific essay writing

₹125

03

MicrobioCanvas

Scientific painting & drawing

₹125

04

MicrobioPodium

Scientific presentations

₹125

05

MicrobioRead

Reading & comprehension

₹125

06

MicrobioSoft

R programming for data analysis

₹125

07

MicrobioWord

Terminology word challenge

₹125

08

MicrobioAI

AI meets microbiology

₹125

09

MicrobioModel

Scientific model making

₹125

FREE FOR EVERYONE — NO REGISTRATION FEE

MicrobioTalk

Lectures by microbiologists

Free

MicrobioStreetPlay

Health & hygiene street play

Free

MARK YOUR CALENDAR

25th MicrobiOlympiad calendar

Every key date for the 25th edition — from registration to the grand finale.

 Student registrations **21 September – 30 October 2026**

• Fee **₹125** per participant, per event / theme

Late fee applies after 30 October 2026



MicrobioLogical Contest — UG & PG

Online, supervised at your college

02

NOV 26

Practice Test 1

Warm-up online quiz

07

DEC 26

Practice Test 2

Build speed & accuracy

18

DEC 26

Practice Test 3

Final practice round

19

JAN 27

Mock Test

Full dress rehearsal

20

JAN 27

Final Screening Quiz

The qualifying quiz for the Grand Finale



Themed & skill events

Last dates to submit your creation

30

NOV 26

MicrobioSlate · Canvas · Podium

Essay, painting & presentation
— pick a theme

18

DEC 26

MicrobioModel

Scientific model making

07

JAN 27

MicrobioRead

Reading & comprehension

14

JAN 27

MicrobioWord

Terminology word challenge

MicrobioSoft · MicrobioTalk · MicrobioAI (lecture-based) and **MicrobioStreetPlay** — dates will be announced on the portal. Stay connected at microbiolympiad.org.



SECOND WEEK OF FEBRUARY 2027 · OFFLINE

Grand Finale

25th MicrobiOlympiad — live at The Institute of Science, Mumbai.



EVENT 01 · FLAGSHIP QUIZ

₹125

MicrobioLogical Contest

The flagship inter-collegiate microbiology quiz

A two-stage quiz — an online **MicrobioLogical Contest** (screening) followed by a fast-paced, face-to-face final — run separately for FY, SY and TY undergraduates, plus a dedicated PG track.

17 Jan Screening · 20 Jan 2027

17 Feb Finals · Feb 2027

Online prelims + offline finals

Year-wise UG tracks + PG

Four live rounds



FORMAT

Online screening → live finals

OPEN TO

FY / SY / TY UG + a PG track

REWARDS

Cash prizes, trophies, medals & certificates

Why take part — The headline event. Test your microbiology knowledge against the country's best colleges — an online MicrobioLogical Contest to screen every team, then four fast-paced rounds live on the finals stage.

HIGHLIGHTS

- Conducted online at your own college, supervised by the coordinator
- Objective, multiple-choice format — no negative marking in the screening round
- A separate paper for each year; top-scoring teams advance to the live finals



EVENT 02 · THEMED · CREATIVE

₹125

MicrobioSlate

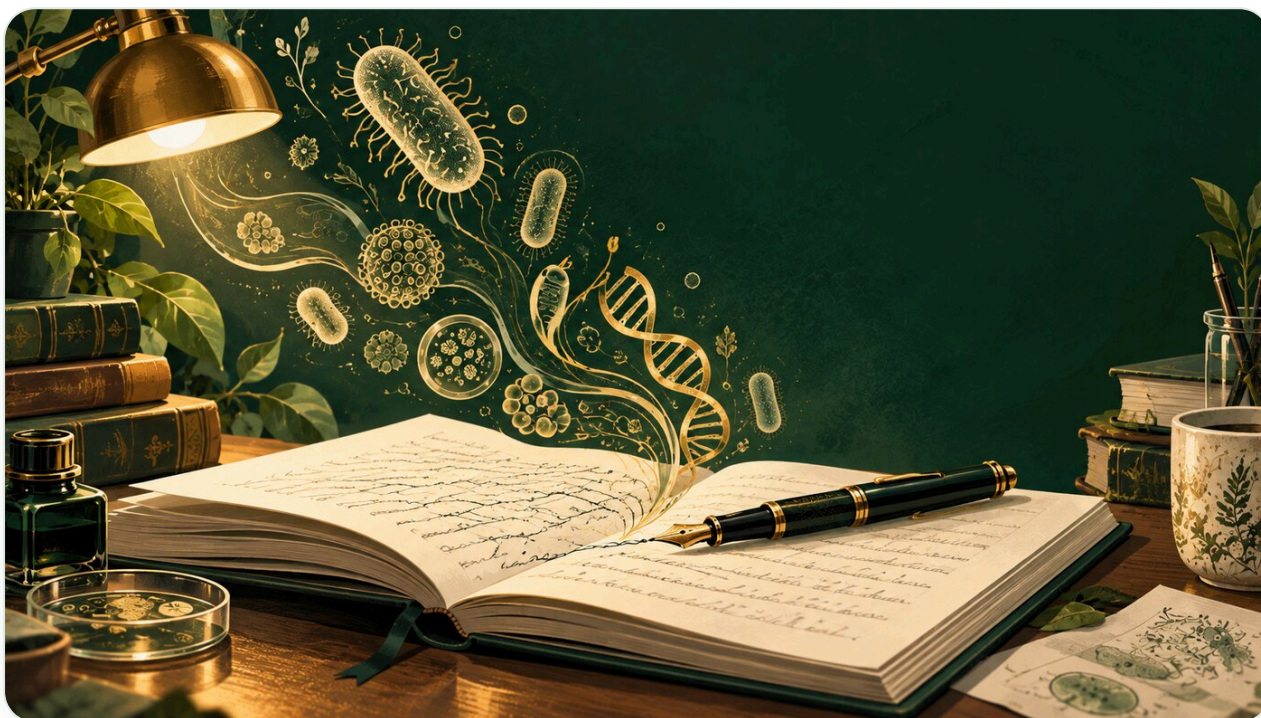
Theme-based scientific essay writing

A scientific essay-writing contest on a microbiology theme, judged by a panel; top performers earn medals and certificates.

17 30 Nov 2026

Pick one of the 5 themes

Panel-judged



FORMAT

Written scientific essay

OPEN TO

All participating life-science students

REWARDS

Medals & certificates for top performers

Why take part — Pick one of the five themes and let your writing carry the science. A chance to think deeply, argue clearly, and turn a microbiology idea into a compelling piece of scientific prose.

HIGHLIGHTS

- Write on one of the five announced themes
- Original, individual scientific writing
- Assessed by an expert panel of judges



EVENT 03 · THEMED · CREATIVE

₹125

MicrobioCanvas

Scientific painting & drawing

A theme-based painting and drawing competition that turns microbial science into art.

30 Nov 2026

Pick one of the 5 themes

Art & science



FORMAT

Painting & drawing on a theme

OPEN TO

All participating life-science students

REWARDS

Medals & certificates for top performers

Why take part — Make the invisible world of microbes visible. Where scientific accuracy meets imagination — from the elegance of a diatom to the drama of a viral outbreak, rendered in colour.

HIGHLIGHTS

- Paint or draw on your chosen theme
- Where scientific accuracy meets imagination
- Medals & certificates for the finest work



EVENT 04 • THEMED • CREATIVE

₹125

MicrobioPodium

Scientific presentations

Theme-based scientific presentations where students communicate research and ideas to a panel of judges.

17 30 Nov 2026

Pick one of the 5 themes

Present to a panel



FORMAT

Live presentation to a panel

OPEN TO

All participating life-science students

REWARDS

Medals & certificates for top performers

Why take part — Sharpen the skill every scientist needs. Present your chosen theme to a panel of judges and learn to communicate research with clarity, evidence and confidence.

HIGHLIGHTS

- Present your theme to a live panel
- Builds the research-communication skills every scientist needs
- Slides and visual aids are encouraged



EVENT 05 • SKILL

MicrobioRead

Reading & comprehension

₹125

Activities designed to enhance reading skills and scientific comprehension; every participant receives a certificate.

17 07 Jan 2027

Certificate for all

Comprehension



FORMAT

Reading & comprehension activity

OPEN TO

All participating life-science students

REWARDS

Certificate for every participant

Why take part — Build the habit that underpins all research — reading science closely and understanding it well. Activities designed to strengthen scientific reading and comprehension for every reader.

HIGHLIGHTS

- Structured reading & comprehension tasks
- Strengthens scientific literacy and close reading
- A certificate for every participant



EVENT 06 · SKILL

MicrobioSoft

R programming for data analysis

₹125

Hands-on sessions introducing students to the R programming language for data analysis and computational tasks.

17 Date on the portal

Hands-on R

Data analysis



FORMAT

Hands-on R programming

OPEN TO

All participating life-science students

REWARDS

Certificate of participation

Why take part — Modern microbiology increasingly runs on data. Get hands-on with the R programming language for data analysis and computation — a skill that sets you apart in labs and beyond.

HIGHLIGHTS

- Learn the R language for data analysis, hands-on
- No prior coding experience required
- A skill valued in both research and industry



EVENT 07 · LECTURE SERIES

FREE

MicrobioTalk

Lectures by leading microbiologists

An online lecture series featuring successful microbiologists sharing their research and career journeys — from NASA space biology to microbiome research.



17 Date on the portal

Online & free

Career inspiration



FORMAT

Online lecture series

OPEN TO

Everyone — completely free

REWARDS

Insight, inspiration & networking

Why take part — Hear successful microbiologists share their research and career journeys — from NASA space biology to human-microbiome science. Free, online, and open to every curious student.

HIGHLIGHTS

- A free online lecture series
- Speakers from across the world of microbiology
- Open to everyone — no registration fee



EVENT 08 · AWARENESS

MicrobioStreetPlay

Health & hygiene street plays

FREE

Street-play performances that raise public awareness about health and hygiene; participation certificates for all.

17 Date on the portal

Team performance

Certificate for all



FORMAT

Team street-play (nukkad natak)

OPEN TO

Everyone — completely free

REWARDS

Participation certificates for all

Why take part — Carry science to the street. Perform a health-and-hygiene street play that spreads awareness where it matters most — a reminder that microbiology belongs to the whole community.

HIGHLIGHTS

- A team performance on health & hygiene
- Carries science straight into the community
- Participation certificates for all performers

MicrobioWord

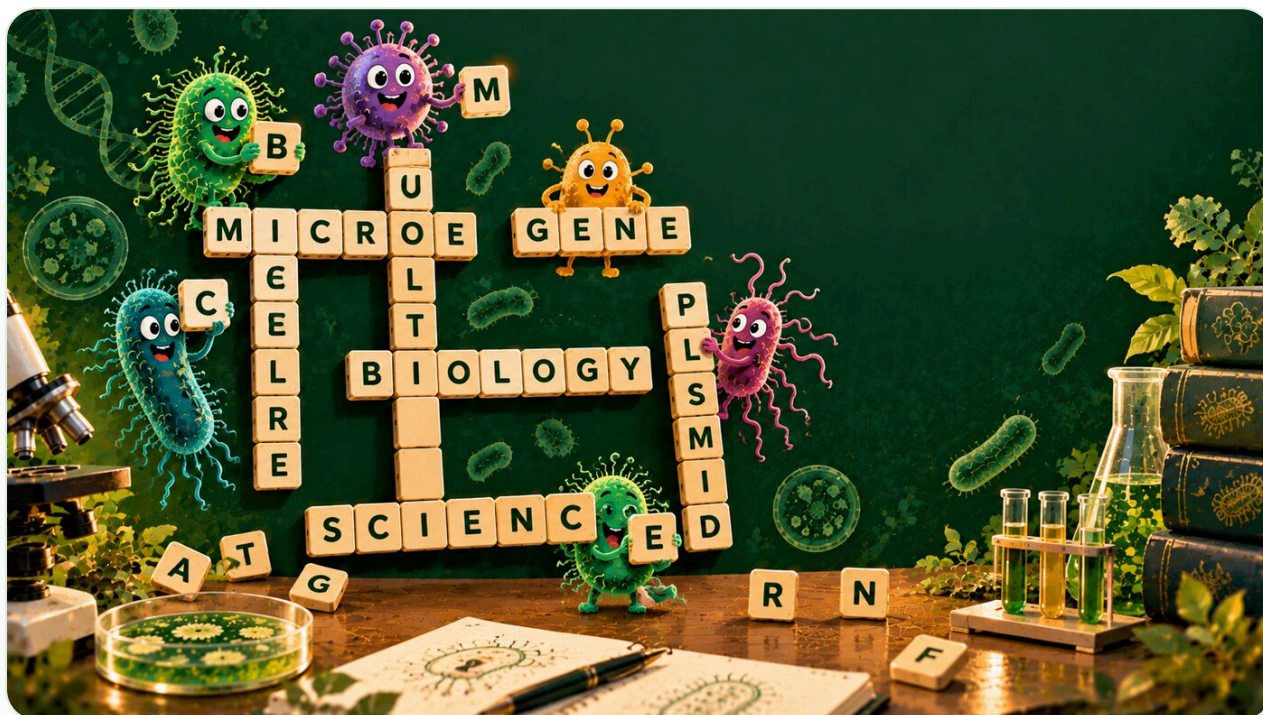
Scientific terminology & word challenge

A fast-paced word game built on microbiology vocabulary — spellings, definitions and scientific terminology — testing how well students know the language of the microbial world.

17 14 Jan 2027

Vocabulary & spelling

Fast-paced



FORMAT

Fast-paced word game

OPEN TO

All participating life-science students

REWARDS

Medals & certificates for top performers

Why take part — Master the language of the microbial world. Spellings, definitions and scientific terminology — at speed. A test of vocabulary, recall and quick thinking under pressure.

HIGHLIGHTS

- Spellings, terms and definitions — at speed
- Tests vocabulary, recall and quick thinking
- Fast, fun and fiercely competitive



EVENT 10 · NEW-AGE

₹125

MicrobioAI

AI meets microbiology

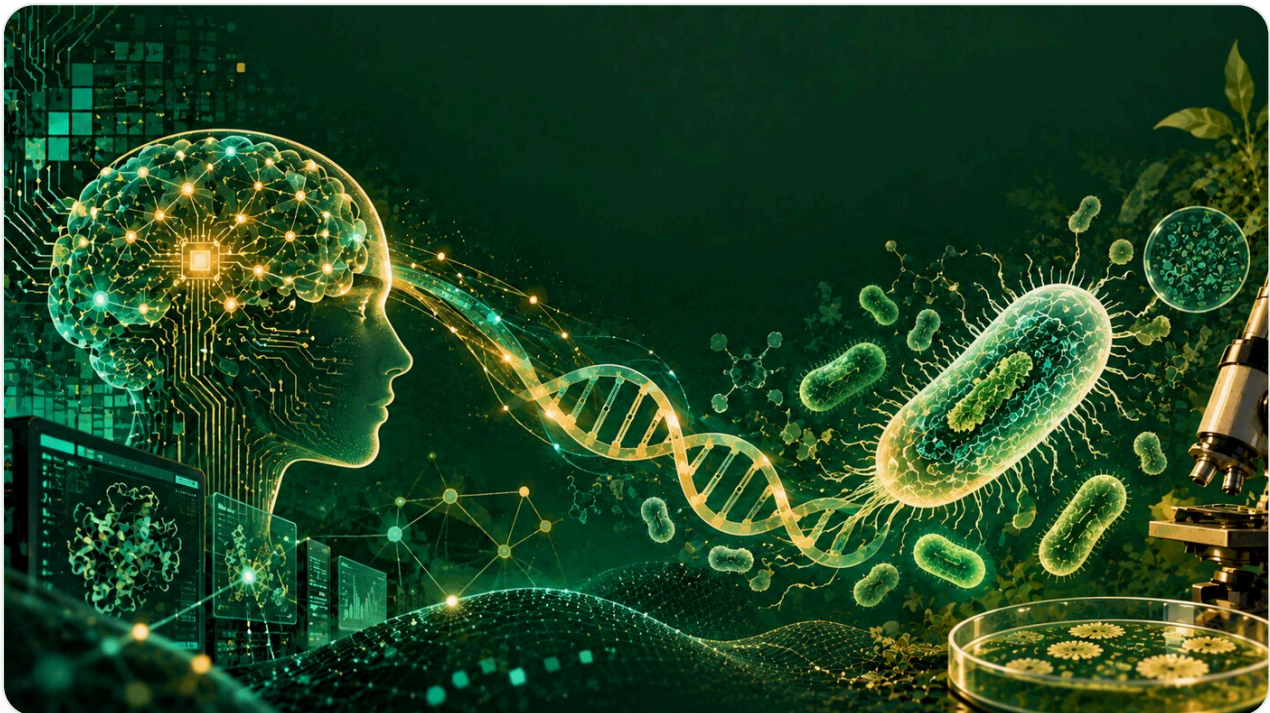
A new-age challenge where students apply artificial-intelligence tools to microbiology problems — from data analysis to research questions — bridging life science and modern computation.

17

Date on the portal

AI + biology

Problem solving



FORMAT

Applied AI challenge

OPEN TO

All participating life-science students

REWARDS

Medals & certificates for top performers

Why take part — The frontier of life science. Put modern artificial-intelligence tools to work on real microbiology problems — from analysing data to tackling research questions — where biology meets computation.

HIGHLIGHTS

- Apply modern AI tools to microbiology problems
- Where life science meets computation
- The newest challenge in the line-up



EVENT 11 • MAKER

₹125

MicrobioModel

Scientific model making

A theme-based model-making contest — students design and present working or 3-D models that bring microbial science to life.

17 18 Dec 2026

3-D & working models

Design & present



FORMAT

Model-making & display

OPEN TO

All participating life-science students

REWARDS

Medals & certificates for top performers

Why take part — Hands-on science at its best. Design and present a working or 3-D model that brings a microbial concept to life — turning an idea into something you can build, show and explain.

HIGHLIGHTS

- Build a working or 3-D scientific model
- Turn an abstract concept into something tangible
- Design it, present it, and explain it

THEMES ANNOUNCED

Choose your theme

Five theme topics power the three creative contests — **MicrobioSlate** (essay), **MicrobioPodium** (presentation) and **MicrobioCanvas** (art). Pick **one theme per entry** and start creating.

- 1 **Microbes: The Invisible Engineers of Life**
- 2 **Microbiology for a Sustainable Future**
- 3 **Microbes and Human Health: From Disease to Wellness**
- 4 **Microbes for Food Security and Agriculture**
- 5 **The Future of Microbiology: From Microscope to AI**

WHO CAN ENTER

Eligibility

- ✓ Open to regular FY, SY and TY undergraduates and postgraduate life-science students.
- ✓ Subjects: Microbiology, Biotechnology, Biochemistry, Zoology, Botany and allied Life Sciences (principal or subsidiary).
- ✓ UG quiz tracks are organised year-wise (FY / SY / TY); PG students compete in the PG-MBQ track.
- ✓ Allied competitions are open to participating life-science students per each event's rules.

HOW THE QUIZ RUNS

Two levels

- ✓ **Level I — MicrobioLogical Contest.** Final screening quiz on **20 January 2027**, supervised by coordinators at each college — preceded by three practice tests (2 Nov, 7 Dec, 18 Dec) and a mock test (19 Jan). Held separately for FY, SY and TY; ~50 MCQs, no negative marking, a separate syllabus per year.
- ✓ **Level II — MicrobiOlympiad Finals.** Held offline at **The Institute of Science, Mumbai** in the second week of February 2027; top finalists compete face-to-face across four fast-paced rounds.

THE GRAND FINALE

Four live final rounds

1

Objective Round

25–45 sec / q

Three multiple-choice questions, four options each.

2

Challenge Round

30 sec / q

Two questions — one based on an image, one on a video clip.

3**Reasoning Round****1 min + 1 min**

One higher-order, critical-thinking question to discuss and explain.

4**Rapid Round****10 sec / q**

Five rapid questions — vocabulary, true/false, long-form and spelling. Negative marking; teams may pass.

FOR COLLEGE COORDINATORS

How to register your students

Registration is handled by your college coordinator on the MicrobiOlympiad portal — students do not register themselves. It takes only a few minutes per student.

1**Sign in to the coordinator portal**

Log in at microbiolympiad.org with your college coordinator account.

2**Add the student's details**

Enter name, year (FY / SY / TY / PG / Research Scholar), subject and email — all updates are sent to the student by email.

3**Tick the events**

Select every event the student is entering; the total fee is calculated automatically as you tick.

4**Verify payment & enter the transaction ID**

Confirm the amount collected and record the UPI/bank transaction reference.

5**Register & confirm**

Submit — the student instantly receives a professional confirmation email, and future updates arrive by email too.

RECOGNITION

Prizes & trophies

Winners earn medals and certificates across events — and for the Silver Jubilee, two grand college trophies debut.



Medals & certificates

Awarded to top performers in each event; participation certificates in several allied contests.



Overall Championship Trophy

For the college that wins the most events across all themes.



Maximum Participation Trophy

For the college that sends the most participating students.



Silver Jubilee honours

Special recognition marking twenty-five years of MicrobiOlympiad.

THE TEAM

Conveners & advisers

Every theme is guided by a convener; the national team and advisers steer the Silver-Jubilee edition.



Dr. Jayshree Bhuktar

National Level Convener

Head, Microbiology Dept., Government
College of Arts & Science, Chh.
Sambhajinagar



Mr. Nachiket Atale

Organizing Secretary

Founder, DockGenix, Mumbai

Theme conveners



Mr. Tushar Gaikwad

Microbiological Contest (UG)

Co-Founder, DockGenix, Mumbai



Dr. Bhaurao Choushette

Microbiological Contest (PG)

Founder, IBS Academy, Chh. Sambhajinagar



Dr. Navin Dandi

MicrobioSlate

Assoc. Professor, KBC North Maharashtra
University, Jalgaon



Dr. Sandeep Wagh

MicrobioCanvas

Head, Biological Sciences, Sandip
University, Nashik



Dr. Nayana Patil

MicrobioPodium

Asst. Professor, M. J. College, Jalgaon



Dr. Samadhan Waghmode

MicrobioRead

Head, Microbiology, Elphinstone College,
Mumbai



Dr. Rajendra Choure

MicrobioSoft

Asst. Professor, The Institute of Science,
Mumbai



Dr. Nitinkumar Patil

MicrobioWord

Asst. Professor, Smt. C. M. College,
Ulhasnagar



Ms. Aqsa Majgaonkar

MicrobioAI

Research Scholar, St. Xavier College,
Mumbai



Prof. Sandip Patil

MicrobioModel

Head, Microbiology, R. C. Patel ASC College,
Shirpur



Dr. Suchita Bharambe

MicrobioTalk

Asst. Professor, Govt. Institute of Science,
Chh. Sambhajinagar



Mrs. Sangita Jangam

MicrobioStreetPlay

Asst. Professor, The Institute of Science,
Mumbai

Advisers



Prof. Ulhas K. Patil

Founder



Mr. Nilesh Wadnere

Co-founder



Dr. Yogesh Shouche

Adviser



Prof. A. M. Deshmukh

Adviser



**Prof. Ajaykumar
Jadhav**

Adviser



Prof. Manohar Padul

Adviser



Prof. Ketan Narkhede

Adviser

Microbi@lympiad

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Be part of the Silver Jubilee

Registrations 21 Sep – 30 Oct 2026 · Final screening quiz 20 Jan 2027 · Grand
Finale, Feb 2027 — The Institute of Science, Mumbai.



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