

Newsletter

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**Nehru
Centre**



Discovery of India Building
Dr. Annie Besant Road,
Worli, Mumbai - 400 018.
Phone : 2496 4676-80
Fax : 2497 3827

E-Mail: info@nehru-centre.org
Website: www.nehru-centre.org

Annual Subscription Rs. 100

Events At a Glance...

Library

Launch and Panel Discussion

What Children Really Want
written by Dr. Coomi S. Vevaina

7th May, 2016, 4.30 p.m.

Hall of Culture

Discovery of India Building

(Open to all)

Children's Literature Festival

Folktales & Mythology, Writing Workshops,
Fun Sessions, Interactive Sessions, Tales,
Karadi Tales, Self-Portraits, Bilingual Books,
Nonsense Verse, Enid Byton

16th May 2016, 10.30 a.m. to 5.30 p.m.

Hall of Harmony,

'Who Are We' Hall, Library
Nehru Centre

(Open to all)

Cultural Wing

Summer Camps - Workshops

(*Sur, Taal, Nritya & Abhinay*)

by

Smt. Padma Talwalkar

Pt. Suresh Talwalkar

Pt. Birju Maharaj

Shri Vijay Kumar

9th to 13th May 2016

Venue: Hall of Culture, Hall of Harmony
& Nehru Centre Auditorium

India's Defence Preparedness

A seminar on India's Defence Preparedness was organized by Nehru Centre recently. The seminar covered all the three wings of defence preparedness namely, Army, Navy and Air Force. The first one was Army. Major Shashikant Pitre (Retd.) spoke on defence preparedness of the Indian Army. His presentation was covered in the monthly Newsletters for June, August and September 2015.

Vice Admiral Vinod Pasricha presented a paper on the state of Indian Navy. Some excerpts from his speech were published in the monthly Newsletter for October, November and December 2015.

Air Marshal (Retd) B.N. Gokhale, PVSM AVSM VM, Former Vice Chief of the Air Staff, gave his presentation on the state of Indian Air Force Challenges and Opportunities. Some excerpts from his presentation were published in the monthly Newsletter for

January, February, March and April 2016. Following are some more excerpts from his presentation:

Indigenization and Self-reliance

India having gained independence through non-violence movement, the initial Indian policy sort of abhorred production and export of weapons. Added to this was the policy of non-alignment which further affected development and export of weapons. It is a well

contd. on page 2

HOMAGE

Nehru Centre will pay homage to the memory of late Barrister Rajni Patel, founder member and former General Secretary of the Centre, on his 34th Death Anniversary.

All are requested to join.

Date: 3rd May 2016

Time: 11.00 a.m.

Venue: Ground Floor

Discovery of India Building

known fact that to avail advantage from the 'scale of economy', export of defence systems is a must. India however, never ventured into this lucrative market, in turn denying herself an opportunity to build a comprehensive military-industrial complex. On the other hand, efforts in fits and jerks affected the indigenous development as massive financial outlays had to be set aside later for projects such as Tejas Light Combat Aircraft (LCA) and Arjun Main Battle Tank (MBT) with no satisfying results. To illustrate, after successful design of HF-24 fighter aircraft, India did not follow up with other designs, leading to loss of expertise and the art of manufacturing complex systems.

After the success of Kiran Jet Trainer, had India pursued with advanced models of trainer alone, by now India could have been a leader in manufacturing and exporting trainer aircraft. Instead we have recently imported Swiss made Pilatus basic trainers and the British Hawk AJT. While India has produced many weapon systems under license, India continues to be hampered in many critical core areas such as engines, metallurgy, sensors and seekers to name a few. The challenge therefore is of ensuring self-reliance and to minimize dependence on foreign suppliers. The indigenous product support will also ensure very high states of serviceability of aircraft and equipment.

There are new opportunities for the Indian industry, both in the public and private sectors to take advantages of the prioritized clauses such as 'Buy (Indian)', 'Buy and Make (Indian)' promulgated in DPP 2013 and the 'off-set' clause. However, there are many issues including cleft

handling of contracts on our part, which will be very important. While provisions have been made, unless the 'know-why' is acquired, we will once again be confined to 'transfer of manufacturing process' and not the essence of 'transfer of technology'. With a sizeable revamp of inventory in near future, IAF could be instrumental in energizing this process and therefore a major stakeholder in realizing the indigenous, self-reliant capability.

There is a need to encourage larger participation in private industry and let them collaborate with foreign partners than to allow Foreign Direct Investment of 50% as being mentioned recently. Such collaborations should also have a clause for export. Another important aspect is of accepting indigenous equipment with scope for incremental improvement in next versions. Similar approach termed as 'Mark-I to Mark-II philosophy' has been adopted by the Chinese to encourage use of indigenous equipment and to learn lessons, which are then incorporated for improvement in the next version. We have also started similar approach and Akash surface to air missile is one such example. Induction of LCA by IAF is another such incremental project. Brahmos is a classic case of collaborative project, which has benefited not only DRDO but also private industry. DRDO has now got expertise in early warning radars, surface to surface and air to air missiles, AEW&C aircraft and need encouragement by the Services. However, more indigenous efforts are needed to acquire latest technology and 'know why' in areas of engines, metallurgy and sensors. UAV is another area in which India is fast

acquiring indigenous capability. Netra,1 UAV made by R&D (Engrs) Pune along with JIT, Mumbai is a classic case of using expertise in such academic institutions.

Strategic Vision

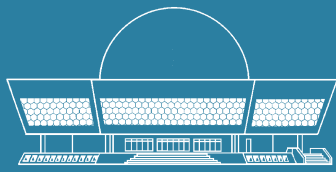
With her growing economic potential, need for increased energy resources as well as buoyant trade and commerce, India now looks way beyond her traditional borders. Apart from trade, the Indian cultural ties with littorals of Indian Ocean and beyond makes the country envision her strategic boundaries all the way from the Malacca straits in the East to the African coast in the West and from Central Asian Republics in the North to Antarctica in the South. Engaging in a globalized economy is another reason for such a strategic vision. Indian Armed Forces have to be prepared therefore to protect the interests arising from such strategic vision.

to be continued...

What Nehru said...

... It is a matter of importance to us, of course, to China that these countries, which have now almost about 1,800 miles of frontier, should live in terms of peace and friendliness and should respect each other's sovereignty and integrity, should agree not to interfere with each other in any way, and not to commit aggression on each other....

May 15, 1954



NEHRU PLANETARIUM

SKY SHOWS : 'Edge of Darkness'

Timings

12 noon (Hindi) 1:30 pm Marathi)
3:00 pm (English) 4:30 pm Hindi)
(MONDAY CLOSED)

Space Science Lecture

Dr. Sanjay S. Limaye, Distinguished Senior Scientist, Space Science and Engineering Center, University of Wisconsin, Madison, WI, USA delivered a Space Science Lecture on 'Venus – So near, Earth like and yet so very different', on Wednesday, 17 February, 2016 at 5 pm. in the Hall of Culture, Discovery of India Building, Dr. Annie Besant Road, Worli, Mumbai 400018. We bring you the summary of the talk.

Dr Sanjay Limaye said that Akatsuki spacecraft made history by succeeding in its second attempt to go into orbit around Venus, after missing it during the first time in December 2010. Equipped with cameras to image Venus in reflected sunlight and emitted infrared light, Akatsuki will primarily observe the weather on Venus to answer its main scientific goal – what makes the atmosphere of Venus rotate faster than the underlying planet, an outstanding problem in atmospheric science.



Dr. Sanjay Limaye

Further he mentioned that since 1962, Venus has been investigated by many spacecraft – from fly-bys, orbiters, descending probes and even two balloons. Yet, the planet, shrouded in a thick global cloud cover made of dilute sulfuric acid droplets has not given up its mysteries.

Formed at about the same time as Earth and similar in size and mass, Venus today is much warmer, so even though the planet harboured liquid water on its surface in its ancient past, its evolutionary path has been very different from Earth and that of Mars.

There are many more questions about Venus compared to Mars that puzzle us and include – why does Venus rotate backwards, slower than any planet in our solar system? When did the surface start getting warmer? Are there active volcanoes on Venus today? Did life evolve on Venus? What substance or substances cause the contrasts in the cloud cover?

Many Venus mysteries remain, including – Why does Venus rotate more slowly and backwards as compared to other planets in our solar system? When did surface warming begin? Does Venus have active volcanoes? Did Venus ever harbour any lifeforms?

What substances account for the cloud cover contrasts? Why does the atmosphere super rotate? Akatsuki hopes to reveal the answer to the last one at least!

He ended his talk by affirming that Akatsuki will certainly raise more questions about Venus and also shed some light on the existing questions. Without the ability to make measurements from within the atmosphere, we will need to wait for future missions from the international agencies to answer them.

STAR CHART FOR MAY 2016

Use the Chart :

Early month : 10 p.m.
Middle month : 9 p.m.
Late month : 8 p.m.

Month of May of 2016 brings us two celestial events of which one is rather a rare one.

On 9th of May the planet Mercury can be seen travelling across the disk of the sun. The event is called transit. The transit will begin at about 4:42 p.m. and it will end at 12 minutes past midnight. Obviously the end of the transit will not be visible from India.

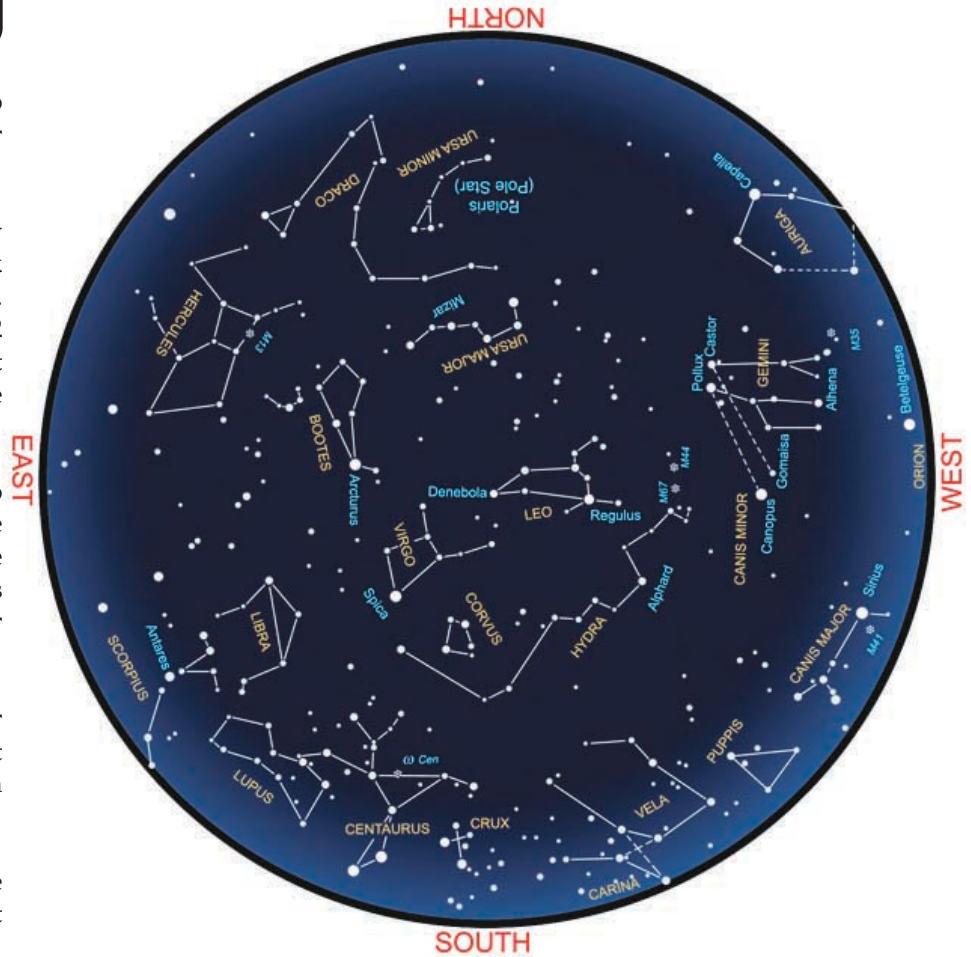
On 22nd Mars will be at opposition to the Sun. That is the Earth will be between the Sun and Mars. The planet will rise as the sunsets. Thus Mars will be available for observations all through the night.

Venus will be too close to the sun for observations. It will be visible next month above the western horizon after the sunset.

Jupiter will be visible throughout the month, nearly overhead at sunset. It would set close to 3 a.m.

Waxing gibbous moon will make its closest approach to star Regulus (Magha) in Leo on 14th May. It will be about 3 deg. from the star. Next day on 15th the Moon passes closet to Jupiter. On 18th waxing gibbous Moon will pass within 5deg of Spica (Chitra). Waning gibbous Moon can be seen just about 3 degrees from Saturn on 23rd.

Mars and Saturn will be visible throughout the month. The planets would rise close to midnight can be seen till pre-dawn hours. On 18th Saturn, Mars and Antares will make perfect triangle. Mars and Saturn will make triangular pattern with waning gibbous moon on 22nd.



The map shows slightly more sky than that will be visible from a given location. Thus the map can be used elsewhere in India at 21:00 hrs Indian Time. Hold the chart vertically before your eye and turn it until the geographical direction you are facing shows at the bottom of the chart.

Phases of the Moon (timings in IST hh:mm)			
New Moon (Amavasya)	First Quarter (Shukla Paksha Ashtami)	Full Moon (Poornima)	Last Quarter (Krishna Paksha Ashtami)
07 May., 01:00	13 May., 22:32	22 May., 02:45	29 May., 17:42

(Disclaimer: The Indian names of the stars and planet, given in parenthesis for the purpose to remind the reader that India has a rich astronomical tradition. We do not subscribe to astrology.)

Cultural Wing

Summer Camps (*Sur, Taal, Nritya & Abhinay*)

Nehru Centre is organizing the following workshops

सुर



Workshop on Hindustani Classical Music
by Smt. Padma Talwalkar

Padma Talwalkar inherited the impulse to sing from her grandfather, Shri Kanebuva. At the tender age of ten, she became the pupil of Late Pt. Gangadharbuvapimpalkhare of Pune, who imbibed in her the best of the Gwalior and Kirana traditions of music.

She has performed in all major music concerts in India.

Venue: **Hall of Culture**
Timings: **3.00 pm to 6.00 pm**

ताल



Workshop on Tabla & Pakhawaj
by Pt. Suresh Talwalkar

Tabla Taalyogi Pandit Suresh Talwalkar, is one of the greatest Tabla exponents of the present times.

As an accomplished artist and as a Guru, he has contributed immensely to the glorious tradition of Indian Classical Music.

Venue: **Hall of Harmony**
Timings: **3.00 pm to 6.00 pm**

नृत्य



Kathak Darpan
A Workshop on Kathak Dance
by Pt. Birju Maharaj

Birju Maharaj is a leading exponent and torch-bearer of the Kalka-Bindadin gharana of Lucknow. He has performed in almost all the countries of the globe. He is also a wonderful singer with a strong grip over *Thumri, Dadra, Bhajan* and Ghazals. He gave his first performance at the age of seven. Pandit Birju Maharaj is not only a Kathak dancer but also a sensitive poet and captivating orator.

Venue: **Nehru Centre Auditorium**
Timings: **10.00 am to 7.00 pm each day**

अभिनय



Appreciation of Theatre
A Workshop on Theatre
by Shri Vijay Kumar

Mr. Vijay Kumar is an alumni of National School of Drama (1994), Film & Television Institute of India (F.T.I.I. 1996), Central School of Speech and Drama, London (2001). He has directed more than 60 plays. He is a leading voice and speech teacher in India. He is also a visiting faculty at different theatre and films schools.

Mr. Vijay Kumar has acted in more than 20 feature and short films, Television advertisements and Television serials.

Venue: **Hall of Harmony**
Timings: **10.00 am to 1.00 pm**

Monday, 9th to Friday, 13th May 2016

Entry: Forms of the above workshops can be collected from the office of the Cultural Wing or downloaded from the Nehru Centre's website: www.nehru-centre.org

Programmes for May 2016

MADHUSUDAN K. KELKAR



Ganga at Ellora by Shri M. K. Kelkar

Shri M. K. Kelkar was a disciple of Master Painter Shri S. L. Haldankar. Shri Kelkar himself was also a Master Painter. He died in 2009 at the age of 93. He completed the course of painting from Sir J. J. School of Art, Mumbai.

He was also a water colourist like his Guru. He published a booklet on water colours. He was honoured by many Art organisations in India.

He visited UK, Singapore, Bahrain and Russia and did paintings and had exhibitions in these countries. This year his family is celebrating his Birth Centenary. His water colours are on display.

**Tuesday 3rd May to
Monday 9th May 2016
(AC Gallery)**

RAHUL REPE .
YOGESH SATAM .
SHRADDHA POMBURLEKAR



Painting by Rahul Repe

Rahul completed G.D.A. in Painting from Kolhapur. He has participated in many exhibitions and won awards. His abstract paintings are in oil and acrylic.

Yogesh obtained G.D.A. from Kolhapur. His figurative compositions are in acrylic, oil and collage.



Painting by Shraddha Pomburlekar

Shraddha obtained G.D.A. from Kolhapur. Her paintings are figurative and geometrical compositions.

**Tuesday 3rd May to
Monday 9th May 2016
(Circular Gallery)**

PRADEEP RANGDAL .
ARUN DHAVALI .
VIJAY SHAH



Painting by Pradeep Rangdal

Pradeep completed Art Master Diploma from Belgaum. He has been in animation industry for more than 12 years. His paintings are on horses in acrylic and oil.

Arun received art degree from Karnataka. He has been a visualizer in agencies from Bangalore. His figurative compositions are in acrylic on canvas.

Vijay obtained Masters in Visual Art from Nagpur. Presently working in Symbiosis Institute of Design, Pune. He has had many prestigious shows and won awards. His compositions are in black & white.

**Tuesday 10th May to
Monday 16th May 2016
(AC Gallery)**

JUILEE MAHAJAN

Juilee has secured G.D.A. and A.T.D. from Karandikar Kala Academy, Thane. She has had many solo and



Painting by Juilee Mahajan

group shows in India. Her paintings are abstract compositions in acrylic on canvas.

**Tuesday 10th May to
Monday 16th May 2016
(Circular Gallery)**

**NANDKISHOR THORAT .
NISHIGANDHA GARATKAR .
YOGESH PAWAR .
KIRAN SATHE .
DEEPAK BACHCHHAV .
MAHENDRA BHAPKAR .
ANIL PARANDE**



Painting by Nandkishor Thorat

Nandkishor completed M.F.A., B.F.A. from Mumbai and A.T.D. from Dhule. He has won many awards for his abstract paintings.

Nishigandha obtained B.F.A. and M.F.A. from Aurangabad, Dip.A.Ed. from Mumbai and A.T.D. from

Amravati. Her paintings are abstract compositions.

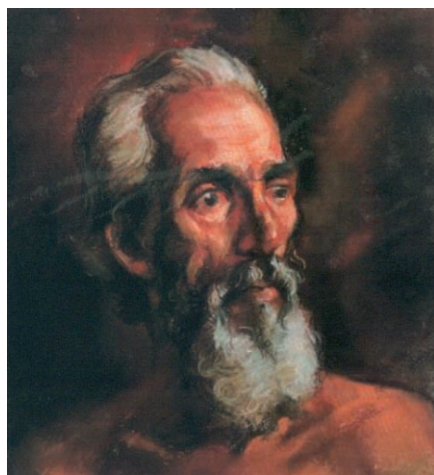
Yogesh received MF.A. from Aurangabad and Dip.Ed. from Mumbai. His paintings are on the horses and they are in mix media on canvas.

Kiran secured B.F.A. in Sculpture from Sir J. J. School of Art, Mumbai and A.T.D. from Ahmednagar. His sculptures are in marble and stones.

Deepak completed G.D.A. from Dhule and Dip.A.Ed. from Jalgaon. He has been exhibiting his works here and won awards. His paintings are in oils on canvas.

Pravin obtained M.F.A., B.F.A and A.T.D. from Dhule with distinction. He received many awards for his landscapes in different mediums.

Mahendra secured B.F.A. & M.F.A. with First Class from Sir J. J. School of Art, Mumbai. He has also received Dip.A.Ed. and A.T.D.. He has had many exhibitions and won awards. His compositions are in acrylic on canvas.



Portrait by Anil Parande

Anil has B.F.A. & M.F.A. degree with First Class from Sir J. J. School of Art, Mumbai and won awards for portraits. His portraits are in oil, acrylic and pencil.

**Tuesday 17th May to
Monday 23rd May 2016
(AC Gallery)**

SANTOSH KUMAR SHARMA

Santosh Kumar completed B.F.A. from Lucknow. He has had shows in India. His paintings are on various subjects in oil and acrylics.

**Tuesday 17th May to
Monday 23rd May 2016
(Circular Gallery)**

RACHANA PAREKH



Painting by Rachana Parekh

Rachana secured B.F.A. from Sir J. J. School of Art, Mumbai. She does thematic paintings in oils and mix media on canvas.

**Tuesday 24th May to
Monday 30th May 2016
(AC Gallery)**

SACHIN BHANGADE



Painting by Sachin Bhangade

Sachin completed G.D.A. in Applied Art and A.T.D. from Pune. He has had many exhibitions to his credit and won awards. His landscapes are in water colour.

**Tuesday 24th May to
Monday 30th May 2016
(Circular Gallery)**

NEHRU CENTRE PUBLICATIONS

MUMBAI PAST & PRESENT * WITNESS TO HISTORY

* REMEMBERING EINSTEIN *

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EXPLORING THE UNIVERSE: The Planetarium Way

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9. COLLECTOR'S PRIDE / 10. K. B. KULKARNI

11. VINAYAK S. MASOJI

12. SAMAKALEEN (Contemporary Five Artists)

VINAYAKRAO WAGH * RAJARAM PANVALKAR

KRISHNAJI KETKAR * DATTAJIRAO DALVI

* GOVIND MALADKAR

13. NAGESH B. SABANNAVAR

14. NARAYAN L. SONAVADEKAR

15. "GURU-SHISHYA"

BABA GAJBAR & GANPATRAO WADANGEKAR

16. D. G. KULKARNI (DIZI)

17. MILLENNIUM SHOW

(A Century of Art from Maharashtra)

18. BALAJI TALIM & HARISH TALIM

19. S. L. HALDANKAR & G. S. HALDANKAR

20. VINAYAKRAO P. KARMARKAR

21. GOPALRAO DEUSKAR

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New Arrivals: Some books for children

Sr. No.	Title	Author/s
1.	Intriguing insects	Katie Bagli
2.	Make, do, be: The activity joyride	Shikha Lal
3.	विज्ञान खेळण्याची दुनिया	अरविंद गुप्ता
4.	Haroun and the sea of stories	Salman Rushdie
5.	The witches	Ronald Dahl
6.	Swami and friends	R. K. Narayan
7.	The diary of a space traveller and other stories	Satyajit Ray
8.	Once around the sun	Bobbi Katz
9.	The seeds of time: The animal talkers	Shamini Flint
10.	Max goes to Jupiter: A science adventure with Max the Dog	Jeffrey Bennett

Launch and Panel Discussion

What Children Really Want

written by

Dr. Coomi Vevaina

Date: Saturday, 7th May 2016

Time: 4.30 p.m.

Venue: Hall of Culture, Nehru Centre

About the book: What Children Really want is a need-based, self-empowering book which is easy to read and can truly change the way you relate to children. It is however, NOT a book that you can rapidly skim through from cover-to-cover and put away on your book shelf. You need to work with it and use it the same way as you would any utility item like a kitchen knife, a pen or a computer.

(Open to all)

Children's Literature Festival

Folktales & Mythology

Writing Workshops

Fun Sessions

Tales

Interactive Sessions

Self-Portraits

Bilingual Books

Nonsense Verse

Karadi Tales

Enid Byton

Date: Monday, 16th May 2016

Time: 10.30 a.m. to 5.30 p.m.

Venue: Hall of Harmony,
'Who Are We' Hall, Library
Discovery of India Building

(Open to all)

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 : nehrucen-koha.informindia.co.in
 : www.facebook.com/NehruCentreLibrary

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1st, 3rd & 5th Saturdays

Timing: 10 am to 6 pm

2nd & 4th Saturday

Timing: 10 am to 2 pm

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