ité de l'espace

EXPLORE, BE AMAZED, UNDERSTAND

PRESS:

CITÉ DE L'ESPACE: KEY DATA

CITÉ DE L'ESPACE IS A PLACE OF SCIENTIFIC CULTURE BRINGING TOGETHER:



4000 M² OF EXHIBITIONS

Permanent and temporary.

4HECTARESOFSCIENTIFIC GARDENS

MORE THAN 250 ITEMS ON EXHIBITION to make space

accessible to everyone, including a MOON ROCK (loaned by NASA, Apollo 15 mission), an ASTRONOMY CUPOLA to «look through the telescope,» a moonwalk simulator, numerous real life-size space craft like a SOYUZ which the public can sit in, a MIR SPACE STATION, a LIFE-SIZE ARIANE 5 ROCKET.

2 PLANÉTARIUMS of 135 and 280 seats.

1 IMAX® 3D HALL of 300 seats (Reopening March 31, 2020).

AGES AND PROFILE OF VISITORS

CITÉ DE L'ESPACE IS ACCESSIBLE TO ALL, WHATEVER THE AGE OF VISITORS. WITH THE FAMILY, AS A COUPLE, OR WITH FRIENDS, CITÉ DE L'ESPACE SUITS EVERYONE.



6 HOURS, 30 MINUTES: average time of a visit to Cité de l'espace.



6.8 MILLION VISITORS since

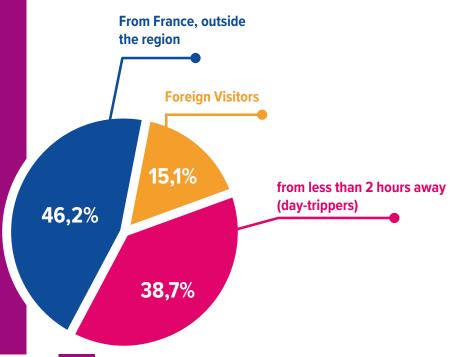
its opening.

Annual Visitors: **390,000**

Breakdown of visitors by type **55,000** educational.

295,000 individual visitors.

40,000 visitors in groups (excluding educational).



CITÉ DE L'ESPACE IS

TO EXPLORE, BE ASTOUNDED, UNDERSTAND

Where EDUCATIONAL, SCIENTIFIC AND TOURIST missions meet, Cité de l'espace is a UNIQUE PLACE AND THE EUROPEAN LEADER as regards dissemination of space and astronomical culture to the general public.

Its desire? To stimulate CURIOSITY, THE DESIRE TO KNOW MORE, to create scientific vocations, to make space, astronomy and scientific culture ACCESSIBLE TO ALL, whether you are curious, contemplative, dreamers or enthusiasts.



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MAIR	■ P. 6	Cité de l'espace at the Heart of Toulouse, European Space Capital
d	■ P. 8	Cité de l'espace Brings Space and Astronomical News to Life, Live
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2020:

SPACE AND SPACE NEWS ACCESSIBLE TO ALL

NEW: CITÉ DE L'ESPACE OPENS KIDS CITY, A NEW PLACE DEDICATED TO CHILDREN FROM 4 TO 8 YEARS OLD

From 6 February 2020, Cité de l'espace presents a new venue for children from 4 to 8 years old. Kids City has been designed to meet the expectations of little ones. Thanks to 100% immersive presentations and devices and decor on the scale of the youngest children, Kids City is a response which will suit families looking for cultural venues to go to with children who can't yet read or are just beginning to do so.





350 M² OF SPACES DEDICATED TO LITTLE ONES

The leading site in Europe as regards the dissemination of space and astronomical culture to the general public, **Cité de l'espace** has, for a number of years, been increasingly favoured by families who wish to introduce little ones to space. **From February 2020**, Cité de l'espace will give pride of place to **children from 4 to 8 years old** by opening to the public a new permanent space completely thought up for, and dedicated to, a very young audience.

Designed by the Cité de l'espace museography team, in collaboration with a committee of children, Cité des Petits [Kids City] offers many 100% immersive presentations to introduce the littlest ones to two subjects they dream of: rockets and astronauts.

It took two years to develop a **100% suitable space** for this audience. Indeed, if it is at the age of four years that children start to acquire knowledge, it still has to target them in a special way, to stimulate their interest and adapt the experiments and workshops to their attention span.

By creating Cité des Petits [Kids City], Cité de l'espace strengthens its primary mission: to make space culture accessible to all.

«MOON, EPISODE II»: a temporary exhibition to visit until 3 November 2020

50 years after first setting foot on the Moon, on 21 July 1969, projects for Mankind's return to the famous heavenly body are taking shape. Cité de l'espace invites you to prepare for these new challenges with its exhibition «MOON, EPISODE II.»

All aboard for a moon voyage made in Cité de l'espace. How? First of all by re-living the exploit of Apollo 11 and the first steps of Neil Armstrong and Buzz Aldrin on the Moon, thanks to a retrospective which reveals the key moments of this world event and the incredible challenges solved 50 years ago by NASA's teams.

The core of the exhibition will raise public awareness about the lunar environment, this heavenly body which is both so beautiful and so hostile, and the current challenges to be met to enable a sustainable human settlement. Sensory experiments and surprising challenges are on the agenda.



Exceptional: a life-size LM (Lunar Module) on display in the gardens of Cité de l'espace

From 21 July 2019 to the end of the exhibition

«MOON, EPISODE II,» Cité de l'espace presents a life-size replica of an LM (Lunar Module), the craft which enabled men to land on the Moon on 21 July 1969.

An amazing confrontation with the reality of the Apollo missions through the discovery of a legendary ship.

7 m in height, the Apollo LM is surprising in its imposing size and aesthetic. Both in its design and its history, the Apollo LM stands out as a unique ship, as it remains the only craft which took humans to a world other than the Earth!



CHILDRENS SCIENTIFIC CONGRESS 2020: 4 June 2020

Imagine your School on the Moon!

Whether they are in primary or middle school, pupils will have to demonstrate innovation to imagine together, as part of the school liaison programme, their school on the Moon. They must acquire the scientific knowledge necessary to understand the lunar environment and its constraints to overcome them and suggest innovative solutions. Supporters will work in classes throughout the year and guide students in their scientific approach, from documentary research to presenting their results.

For further information: www.cite-espace.com/school-events/congresscientifique-des-enfants-2020-imagine-ton-college-sur-la-lune/

CITÉ DE L'ESPACE AT THE HEART OF TOULOUSE

EUROPEAN SPACE CAPITAL

A FAVOURABLE ENVIRONMENT FOR SPACE AND SCIENTIFIC DEMONSTRATIONS

Cité de l'espace is located at the heart of the European Space Capital, Toulouse, which, with its region, has almost 13,000 people working in the space sector. Supported by the biggest organisations in the sector, Cité de l'espace is in a favoured position to show the public this magnificent human and scientific adventure unfolding every day. Cité de l'espace is a facility of Toulouse Metropole which opened in 1997 on the initiative of Toulouse City Hall, with the support of the Occitanie / Pyrénées-Méditerranée Region, and its co-founders: CNES, Airbus, Météo-France, the Ministry of Education and Youth and the involvement of its associates, Caisse d'Epargne Midi-Pyrénées, Thales Alenia Space, Caisse des Dépôts et Consignations and its partners ESA (European Space Agency), Canopé, University TOULOUSE III Paul-Sabatier, CNRS, OMP, IRAP, Safran, Onera. These partners





TOULOUSE IS THE EUROPEAN SPACE CAPITAL

La France est historiquement la 3ème puissance spatiale mondiale.

Historically, France is the world's third space power.
And Toulouse is the European

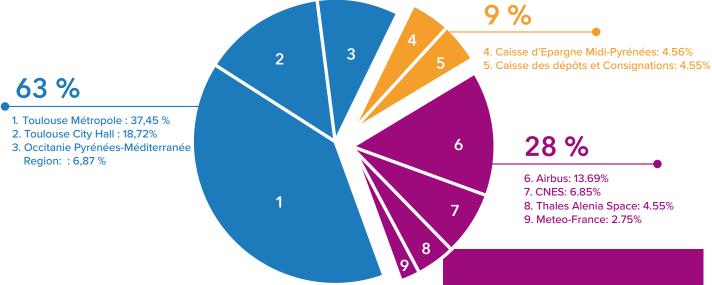
And Toulouse is the European space capital. It brings together the strongest European space community representing the whole value chain:

- CNES (French Space Agency)
 major research laboratories,
 ONERA, OMP, IRAP
- the educational sector the Lycée de l'espace [Space High School], University Toulouse III Paul Sabatier, ISAE-SUPAÉRO;
- major industrial companies, Airbus, Thales Alenia Space;
- SMEs,
- start-ups,

The performance of this ecosystem, unique in Europe, creates a remarkable dynamic which Cité de l'espace shares with the general public.

BREAKDOWN OF SEMECCEL'S CAPITAL

Cité de l'espace is a facility of Toulouse Metropole operated by a Mixed Economy Company (SEMM), SEMECCEL whose capital is held by:









TOULOUSE HAS:

25% of European civil space jobs.

13,000 space employees, across education, research, CNES (the French Space Agency), meteorology, industry, space applications etc..

19 000 science students.

6 600 researchers.

Toulouse was designated EUROPEAN CITY OF SCIENCE ESOF IN 2018.

SEMECCEL ALSO OPERATES THE SITE «L'ENVOL DES PIONNIERS,» WHICH HAS BEEN OPEN TO ALL SINCE DECEMBER 2018.

FURTHER INFORMATION HERE: WWW. LENVOL-DES-PIONNIERS.COM/

CITÉ DE L'ESPACE BRINGS SPACE AND ASTRONOMICAL NEWS TO LIFE, LIVE

SPACE IS AN ADVENTURE WHICH IS UNFOLDING EVERY DAY IN TOULOUSEAND ACROSS THE WORLD: Cité de l'espace is its living witness and accessible to all.

A genuine link between space stakeholders and the general public, Cité de l'espace brings space news to life, through events which are accessible to all.

CITÉ DE L'ESPACE HAS:

- A team of mediators who stimulate public curiosity and make space events accessible and alive.
- experts involved in current space missions who comment live on current events, alongside the Cité de l'espace mediation team
- immersive realistic space sets which illustrate events.
- sensory tangible presentations to be carried out by the public to immerse themselves in the event.
- events shared live on www.cite-espace.com.





DID YOU KNOW?

During major space events, Cité de l'espace's Chief Editor for space news is sent to the Space Agency control centres to gather first-hand impressions from specialists and share them live with the Cité de l'espace audience. This special envoy is a contact who is available for press interviews, live from the control centres.

To check space news on our site: www.cite-espace.com/actu-spatiale

THREE EXAMPLES OF SPACE NEWS EVENTS



17 NOVEMBER 2016:

ASTRONAUT THOMAS PESQUET'S DEPARTURE FOR SPACE

- **2 ASTRONAUTS** present at Cité de l'espace to comment on the event.
- A team of mediators and experts to interpret the event live.
- **A SPECIAL ENVOY LIVE** from the Baikonur launch centre (Kazakhstan).
- **6,000** people in attendance live at Cité de l'espace.
- **55,000** views of the Youtube broadcast of the event produced by Cité de l'espace.
- A TEMPORARY EXHIBITION «ASTRONAUTS,» helping the public to understand the crazy daily lives of astronauts on mission in the International Space Station.

Friday 27 July 2018: NIGHT OF THE STARS - LUNAR ECLIPSE

The 28th Night of the Stars at Cité de l'espace, the stage for an exceptional astronomical event which can be seen with the naked eye, which has not occurred since September 2015: a total eclipse of the Moon. The planet Mars also offered a unique spectacle, thanks to another phenomenon called the Opposition of Mars, which makes it fully illuminated by the Sun and at its closest approach to Earth. 7100 people in attendance.

An event organised by Cité de l'espace in partnership with AFA, the French Astronomy Association, Ciel



21 JULY 2019: APOLLO DAY

UNE JOURNÉE ANNIVERSAIRE AUTOUR DES 50 ANS DU PREMIER PAS SUR LA LUNE ET DU FUTUR DE L'EXPLORATION LUNAIRE

- a range of prestigious guests: **4 ASTRONAUTS**, specialists in current lunar exploration and Apollo, artists inspired by space etc..
- Many **PRESENTATIONS** and **SPECTACLES**
- ■17,000 people in attendance
- A TEMPORARY EXHIBITION «Moon EPISODE 2» and a life-size
- LM (Lunar Module).





A LIVING MEDIATION ACCESSIBLE TO THE WIDEST AUDIENCE

CITÉ DE L'ESPACE PROVIDES AN ORIGINAL SENSORY AND ACTIVE MEDIATION: every

day a programme of events, operations, simulations, audiovisual shows and experiments help children and adults to explore the universe and experience, up close, the reality of space.





CITÉ DE L'ESPACE CONTINUES ITS DEVELOPMENT WITH THE CONSTANT DESIRE TO BE OPEN TO ALL, the curious, contemplative or enthusiasts, by offering authentic, original, living and accessible experiments, which combine knowledge and scientific culture with:

- Presentation of genuine objects and life-size space craft, a powerful sensory experience which confronts visitors with the reality of space, for example the Ariane 5 rocket, a real Mir Station, a genuine Soyuz space capsule, life-size models of **CHANG'E-4** and **CURIOSITY**, a replica of the spacewalk suits, and that of the last Moon Mission (Apollo 17), a real Moon rock (brought back by the astronauts of the Apollo 15 mission), as well as Martian meteorites, including one entrusted to Thomas Pesquet during his space mission.
- Lively, original experiential presentations for example, enabling a meeting with a Météo-France weather-forecaster, sitting in a genuine Soyuz ship, or witnessing the effects of the void of space.
- Thematic encounters in the shape of summer Nocturnes, cultural events (Night of the Stars, Night of Researchers etc.), meetings and conferences





WHY DO PEOPLE COME TO CITÉ DE L'ESPACE?

Cité de l'espace hosts **390,000** visitors a year, the top two reasons for visiting being:

80% to learn about and better understand the sky, space and the Universe surrounding us.

42% to be entertained through events or many experiments.

an innovative educational mediation to learn to meet the challenges of tomorrow!

«Cité de l'espace HAS DEVELOPED an EDUCATIONAL policy for a number of years WITH a constant objective: building confidence in STUDENTS in their learning, to GIVE THEM CONFIDENCE in their capacity to MEET the challenges of tomorrow! But how? Through INNOVATIVE ACTIVITIES, provided at Cité de l'espace, as well as THROUGH national or European academic projects, carried out in collaboration WITH various partners.

Trusting STUDENTS, is to ENTRUST THEM WITH REAL SCIENTIFIC MISSIONS in

«Astronomy» or «Earth» WORKSHOPS, in the Labs where they put the scientific approach into practice, to solve tangible problems using experiments carried out INDEPENDENTLY. It's helping them to exchange their points of **VIEW** on astronomical knowledge, during the INTERACTIVE PLANETARIUM SHOW, «Beyond the Stars,» using **VOTING BOXES**. It's giving them the floor, during the Children's Scientific Congress, so that they can share the results of their SCIENTIFIC work WITH other STUDENTS, like GENUINE RESEARCHERS in congress. It's also supporting their teachers in their daily WORK, for example by **PROMOTING** their scientific projects OPEN to society.» Cité de l'espace is SUPPORTED IN ITS **EDUCATIONAL MISSIONS** by the Ministry of National Education and Youth. The RECTORAT OF TOULOUSE provides Cité de l'espace with two project managers enabling it to be CLOSELY INVOLVED IN EDUCATIONAL PROGRAMMES.

DID YOU KNOW?

More than 55,000 academics and students are welcomed every year to Cité de l'espace: from nursery schools to Universities and graduate schools.

VISITING CITÉ DE L'ESPACE

Cité de l'espace offers everyone the opportunity to create their own visit, according to their desires or curiosity. Here, there is no imposed route, but many suggestions. From presentations with mediators to carry out original sensory experiments, in the heart of the Exhibitions and Gardens. Planetarium sessions and observations of the sky by telescope at the Astronomer's Cupola to admire the celestial beauties or find out more about an astronomical phenomenon or object. An Imax® session on a giant screen to explore space on a grand scale (IMAX® reopening on March 31, 2020).

At Cité de l'espace, we do everything to stimulate every person's curiosity and make space accessible to all: lively exhibitions in which you are the agent of your own discoveries, a scientific garden to become familiar with the scales of the Universe and space craft, astronomical and immersive shows.



GARDENS AND SPACECRAFT

APPROACH genuine space craft and robots and understand space in all its dimensions

The public can board a Soyuz, the famous Russian ship which in particular carried astronaut Thomas PESQUET (ESA) to the International Space Station (ISS), or discover the immense size of the Ariane 5 rocket at its 53-metre height. You can also climb inside the iconic Mir space station which for more than 15 years orbited at 28,000 km/h around the Earth or approach the famous CURIOSITY Martian robot, a real model of which is currently exploring the planet Mars.





CONTEMPLATE the sky with the telescope and admire the Sun, the Moon and the planets

The Astronomer's Cupola, to look at the sky live through the eye of a telescope: the Sun, the Moon and the planets are revealed in broad daylight.

LIVING EXHIBITIONS

ADMIRE genuine space rocks The public can look at a genuine Moon rock brought back by

The public can look at a genuine Moon rock brought back by the Apollo 15 crew in August 1971, two Martian meteorites and a ferrous meteorite: space is within your reach.

EXPERIENCE amazing experiments

Take part in original events: meet a Météo France weatherforecaster and understand the current forecast, the Apollo Mission presentation, to re-live the great moments of the Moon missions, the void of space presentation, «The Eagle Has Landed» presentation focused on the Apollo LM (Lunar Module).

EXPLORE space: from the launch of a rocket to the exploration of the Universe

Four floors of permanent exhibitions to immerse yourself in the space of today: from the launch of a rocket via space applications, new space stakeholders, exploring the solar system to the far reaches of the Universe.

The Launch Centre: discover how people, rockets and satellites head off into space today and who are the new stakeholders in space.

Spaceship Earth: here visitors try out the many uses of space for fishermen, nurses, farmers, the military, biologists, rescue workers, pilots etc..

The Weather Hub: meteorology, in real time, presented by a Météo-France forecaster. Original presentations to try out like the TV Weather Studio

The Solar System's Dock: an original exploration of the International Space Station (ISS), the Solar System, the planets, comets and asteroids and beyond!

The Observatory: understand the Universe and its birth like astrophysicists in their observatory.

A temporary exhibition «Moon EPISODE II»: 50 years after Man first set foot on the Moon, on 21 July 1969, projects for Mankind's return to the famous heavenly body are taking shape. Cité de l'espace invites the public, with its exhibition «MOON EPISODE II,» to prepare for these new challenges

AMPHITHEATRES

TO IMMERSE YOURSELF IN THE SKY AND SPACE

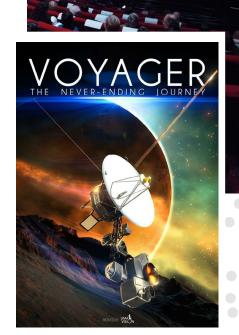
The PLANETARIUM show, «BEYOND THE STARS»

This programme takes the spectators aboard the planetarium, this «ship» which will help them travel through the solar system, then much further. But for this, visitors, thanks to new interactive show technology, will take on the role of co-pilot during which they can work together to cross the various stages of the voyage.

«VOYAGER - The Never-Ending Journey» NEW at the STELLARIUM 2020: This planetarium show tells the exciting story of one of the most remarkable space missions in history. In 1977, two space probes were launched to explore the most distant planets of the Solar System: Jupiter, Saturn, Uranus and Neptune, as well as their moons. These probes have greatly added to our knowledge of these distant worlds. Now, after 40 years, they are starting their exploration of interstellar space. Like two bottles launched into the cosmic ocean, the two probes carry an interstellar message - a gold disc, intended for a potential extra-terrestrial civilisation.

PRESENTATION OF THE NEW IMAX® FILM ON THE WORLD PREMIERE OF «ASTEROID HUNTERS.»

From 28 April 2020 and throughout 2020



THOMAS PESQUET

A PROGRAMME of original cultural, scientific, educational and space events

The public can share the space adventure live, experience original cultural and educational events, inspired by space.

For example, you can be introduced to observing the sky with the **NIGHT OF THE STARS**, a very lively free evening every summer in early August. You can explore a «space» cinema cycle with the Toulouse Cinémathèque and attend meetings with a space specialist who will share their knowledge with everyone, experience astronomical events like monitoring an eclipse etc..

BUSINESSES are inspired by the space state of mind embodied by Cité de l'espace

Whether for a seminar at the foot of the **ARIANE 5** rocket, a company dinner under the **MIR** Space Station, or a team bonding event, or to walk on the Moon, Cité de l'espace offers a wide choice of work areas and a varied range of activities in an inspiring space environment.

The **GALAXIE** Club is a group of companies which support the space sector and Cité de l'espace. Its headquarters is at Cité de l'espace. It regularly organises debates, meetings and an annual innovation competition: the «GALAXIE Award»

DID YOU KNOW?

MORE THAN 250 BUSINESS EVENTS take place every year, i.e. around 16,000 PEOPLE ARE WELCOMED for seminars, meetings, events, product launches, incentives, thanks to:

5 seminar rooms from 10 to 180 seats.

3 amphitheatres from 120 to 300 seats.

2 reception halls,

a four-hectare garden,

a 2500 m² Exhibition Pavilion.



TOURISME & HANDICAP

NEW FOR 2020: CITÉ DES PETITS [KIDS CITY] FROM 6 FEBRUARY 2020, FOR 3 UNDER-8S AND THEIR FAMILIES

Cité de l'espace makes the world of rockets and astronauts accessible to all little ones through this original venue, lively, constantly animated, completely dedicated to space discovery.

every audience since its opening, Cité de l'espace has put measures in place which will help all people with disabilities (motor, auditory, visual and mental) to explore it. Its investment for these audiences is particularly reflected in a special access for people with reduced mobility, as well as by the loan of wheelchairs and folding chairs.

For those with hearing impairment, induction loops are installed in the show and conference rooms and for guided tours. Many events are interpreted in sign language (LSF). To find out more www.cite-espace.com/handicapes.

In 2003, Cité de l'espace was awarded the «Tourism and Handicap» Label. This recognition has been regularly renewed since then.

CITÉ DE L'ESPACE HAS WON AN AWARD FROM THE TOURISM AND DISABILTY ASSOCIATION the trophy in the Tourism and Leisure Services category for its good practice in the field of accessibility, at the Handicap trade fair in Lyon.

CITÉ DE L'ESPACE: A NATIONAL AND INTERNATIONAL OUTREACH



THE LEADING CULTURAL MEDIATION ESTABLISHMENT FOR SPACE IN EUROPE

Cité de l'espace is unique, it is at the crossroads of many professions and missions. Its primary mission is educational: as a scientific culture centre accessible to the widest audience, it aims to share space and astronomical advances with the widest audience and does so through:

PARTICIPATION IN INTERNATIONAL NETWORKS SUCH AS

ECSITE, the European network of scientific culture centres, IAF, the International Astronautical Federation and IPS, the International Planetarium Society.



CITÉ DE L'ESPACE «EXPORTS» ITSELF TO FRANCE AND INTERNATIONALLY WITH SEVEN TRAVELLING EXHIBITIONS WHICH WERE VISITED BY A TOTAL OF 800,000 PEOPLE IN 2019. THESE EXHIBITIONS WERE PRESENTED IN KOREA, KAZAKHSTAN, BELGIUM, ETC..

HOSTING LARGE-SCALE EVENTS

At the crossroads of various worlds, Cité de l'espace is a special place for organising and hosting major international congresses in the space and astronomy field.

In recent years, it has hosted:

THE WORLD ASTRONAUTS CONGRESS - OCTOBER 2017.

On this occasion, around 100 astronauts, cosmonauts, taïkonauts from every continent and every space nation met, to discuss manned space missions and future exploration projects.

THE WORLD PLANETARIUM CONGRESS - JULY 2018.

For four days, international planetarium manufacturers and users met at Cité de l'espace for professional demonstrations, sessions and discussions on their practice and methods of publicising astronomy to the public.

THE CHINESE MOON ROBOT CHANG'E-4 ON DISPLAY AT CITÉ DE L'ESPACE

SINCE SEPTEMBER 2019, Cité de l'espace has had a life-size replica of the Chinese CHANG'E-4 probe and its YUTU-2 rover on display.

This is one of the first times in the world that a Chinese Space Agency has entrusted a model of a space ship to an institution open to the public like Cité de l'espace. This reinforces Cité de l'espace's place as a leading stakeholder in disseminating space and astronomical culture internationally.





USEFUL INFORMATION

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