Russia

Capital - Tbilisi  Area- 69,700 square km  Population - 4,630,841  National Currency - Lari (GEL)
GDP (nominal) - 14 370.0 (million USD)  GDP growth - 7%  GDP per capita - 3 103 (USD)

About GEORGIA

Georgia is the member of the following international organizations:
The United Nations (UN)  The Council of Europe (CE)  The World Trade Organization (WTO)
The Organization of the Black Sea Economic Cooperation (BSEC)  The Organization for Security and Cooperation in Europe (OSCE)
According to the World Bank (WB), the International Finance Corporation (IFC) and PricewaterhouseCoopers (PWC) surveys, Georgia has moved up with 22 position as it was on the 61st position in 2012.

Doing Business 2012 report places Georgia 16th in terms of Ease of Doing Business, with its overall rating one place higher than last year.

International Ratings Agency "Moody's" published Georgian sovereign credit rating with category Ba3 (Long Term Local and Foreign Currency Rating), that means, that Georgia's sovereign rating has improved with one step ahead.

According to the "Transparency International", Georgia is the top country in the post-soviet region (except the Baltic States) in terms of fighting corruption.

According to the "Transparency International's" „Global Corruption Barometer 2010", Georgia ranks the first among world countries in the term of decrease corruption level.

The 2011 EBRD survey on countries in transition singles out Georgia as the most successful country in our region (Eastern Europe and Caucasus) in terms of institution building, on par with Baltic States.
STC DELTA Structure

STC DELTA

Main Production Unit (TAM)

Research Institutes

Physics
Machine Mechanics
Nano Technology
Optics
Metallurgy
Mining
TAM (Tbilisi Aerospace Manufacturing) is Delta’s main production unit. TAM was established in December 15, 1941. With its 560,000 m² territory TAM accommodates number of production processes. TAM has its own 2500 meter aircraft run way facility with total area of 2,500,000 m².

TAM facilities include:

- Corporate Office Building
- Design Bureau
- Machining
- Metallurgy
- Special Tooling
- Sheet Metal Forming
- Hot Forming & Tubing
- Laboratories
- Aircraft Assembly
- Run Way

Total number of employees at TAM – 1637
### TAM Product History

<table>
<thead>
<tr>
<th>Year</th>
<th>Aircrafts</th>
<th>Missiles</th>
<th>Other Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1941</td>
<td>LaGG-3,  La-5, Yak-3, Yak-15, Yak-17, Yak-17UT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1941-1950</td>
<td>Yak-23, MiG-15, MiG-17, MiG-21, MiG-21U, MiG-21UM, La-17, K-10 missile</td>
<td>Su-25, Su-25K, Su-25UB, Mi-8, Mi-24, R-60 missile, R-73 missile</td>
<td>Su-25 Scorpion, ELITE Jet, TAM Jet, Antenna-reflector, Gas heaters, HDPE Polyethylene pipes, Hydro turbines</td>
</tr>
<tr>
<td>1978-1990</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1990-2000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2001-Current</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
International Presence

- STC Delta is presented in 25 countries worldwide
STC Delta Products
Military Aviation
TAM has always been the only manufacturer of SU-25 type aircraft and owns all documentation and drawings.

TAM manufactures various modifications of SU-25 type aircraft such as SU-25T, SU-25UB and upgraded SU-25KM (Scorpion).

More than 800 SU-25 type aircrafts have been exported to different countries of the world (Former USSR, Eastern European, African, Asian, Middle East and Latin American countries).

TAM provides overhaul, maintenance and modernization works for this aircraft according to the Customer's requirements.

Greater experience and qualified workforce.
Overhaul, Repair and Modernization of MiG-21 Fighter Aircraft

- During its history, TAM manufactured MiG family aircrafts: MiG-15, MiG-15BIS, MiG-17, MiG-17PF, MiG-21U and MiG-21UM fighter aircrafts.

- More than 1600 MiG-21U and MiG-21UM type aircrafts have been manufactured and delivered by TAM to different countries of the world (Former USSR, Eastern European, African, Asian and Central American countries).

- TAM has been the only manufacturer MiG-21UM twin-seater aircrafts.

- Currently TAM provides overhaul, maintenance and modernization works for this aircraft according to the Customer's requirements.

- TAM can supply high quality new rubber fuel tanks for MiG-21 type aircraft.

- Greater experience and qualified workforce.
- Overhaul of Mi-8 and Mi-24 type helicopters
- Current maintenance of Mi-8 and Mi-24 type helicopters
- Modernization of Mi-8 and Mi-24 type helicopters
- TAM has relevant capabilities, skilled and experienced workforce that can perform quality repair works according to customers’ requirements
Unmanned Aerial Vehicle

- Length: 1.96 m
- Wingspan: 3.075 m
- Weight: 12 kg
- Speed: 60-160 km/h
- Combat range: 150 km
- Service ceiling: 100-3000 m
- Endurance: 8 hours

Reconnaissance Equipment

- Gyro stabilized video and IR cameras.
- Photo camera equipped with gyro stabilizing mechanism.
Civil Aircraft Manufacturing
ELITE Jet

• Construction - Carbon Fiber
• Length - 12.16 m
• Height - 3.77 m
• Wingspan - 13.41 m
• Wing area - 18.91 m²
• Length of the passenger compartment - 5 m
• Width of the passenger compartment - 1.5 m
• Height of the passenger compartment - 1.52 m
• Empty weight - 1814 kg
• Max. take of weight - 3492 kg
• Payload - 603 kg
• Fuel weight - 850 kg
• Engine - 2xWilliams International FJ33-4
• Cruise speed - 760 km/h
• Economy cruise speed - 710 km/h
• Ceiling - 12000 m
• Range with max. payload - 2590 km
• Crew - 1-2
• Seats - 6-8

ELITE Jet
6-8 seat very light jet

TAM Jet
4 seat very light jet
### TAM Jet

<table>
<thead>
<tr>
<th>Specification</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Speed (True)</td>
<td>km/hr, kts</td>
<td>694, 375</td>
</tr>
<tr>
<td>Max. Cruise Speed (True)</td>
<td>km/hr, kts</td>
<td>648, 350</td>
</tr>
<tr>
<td>Economic Cruise Speed (True)</td>
<td>km/hr, kts</td>
<td>574, 310</td>
</tr>
<tr>
<td>Take-off Speed</td>
<td>km/hr, kts</td>
<td>166, 90</td>
</tr>
<tr>
<td>Landing Speed</td>
<td>km/hr, kts</td>
<td>148, 80</td>
</tr>
<tr>
<td>Stall Speed:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Gross Weight.</td>
<td>km/hr, kts</td>
<td>144, 78</td>
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<tr>
<td>• Empty Weight.</td>
<td>km/hr, kts</td>
<td>129, 70</td>
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<tr>
<td>Max. Range</td>
<td>km, nm</td>
<td>2500, 1349</td>
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<tr>
<td>Ceiling</td>
<td>m, ft</td>
<td>7620, 2500</td>
</tr>
<tr>
<td>Take-off Distance</td>
<td>m, ft</td>
<td>650, 2133</td>
</tr>
<tr>
<td>Landing Distance</td>
<td>m, ft</td>
<td>600, 1969</td>
</tr>
<tr>
<td>Rate of Climb</td>
<td>m/c, ft/min</td>
<td>15, 3000</td>
</tr>
<tr>
<td>Maximum operational overload:</td>
<td></td>
<td>+3.6, –1.45</td>
</tr>
<tr>
<td>Empty Weight</td>
<td>kg, lbs</td>
<td>1600, 3555</td>
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<tr>
<td>Gross Weight</td>
<td>kg, lbs</td>
<td>2750, 6111</td>
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<tr>
<td>Useful Load</td>
<td>kg, lbs</td>
<td>350, 771</td>
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<tr>
<td>Length</td>
<td>m, ft</td>
<td>8833, 28.5</td>
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<tr>
<td>Wingspan</td>
<td>m</td>
<td>10530, 33.25</td>
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<tr>
<td>Height</td>
<td>m</td>
<td>8877, 9</td>
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<tr>
<td>Wing area</td>
<td>m², sq.ft</td>
<td>13.4, 144.6</td>
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<tr>
<td>Fuel Capacity</td>
<td>liter, gal</td>
<td>1020, 270</td>
</tr>
<tr>
<td>cabin Seating</td>
<td>adults</td>
<td>3</td>
</tr>
<tr>
<td>Air Frame</td>
<td></td>
<td>Prepreg</td>
</tr>
<tr>
<td>Engines Williams Int. (2) FJ33-4A</td>
<td>kg thrust, lbs thrust</td>
<td>495, 1100</td>
</tr>
</tbody>
</table>

### ELITE Jet

6-8 seat very light jet

### TAM Jet

4 seat very light jet
Armored Vehicles
Infantry Fighting Vehicle LAZIKA

GENERAL
- Combat weight – 14000 kg
- Crew - 3
- Troops - 7

DIMENSIONS
- Length – 6130 mm
- Width – 3068 mm
- Height - 2163

SPEED
- Maximum speed – 70 km/h

ENGINE
- Engine type – Diesel
- Engine horsepower – 400 hp

ARMOR
Armour provides protection against 14.5 mm
Б-32 type (armor-piercing) bullets. Protection level is enhanced by installation of additional steel or ceramic armour plates.

ARMAMENT
Armament is located in the remote control module: Main armament - 2A14, 23 mm automatic cannon; Secondary armament - 7.62 mm twin mounted machine gun.

AMMUNITION LOAD
- 23 mm shells, pieces - 80.
- 7.62 mm bullets, pieces - 500.
Sectors of Fire from IFV LAZIKA

360° sector of fire of the remote control weapon module.

90° sector of fire of the trooper

135° sector of fire of the trooper

90° sector of fire of the trooper

135° sector of fire of the trooper

135° sector of fire of the trooper
### GENERAL
- **Empty weight**: 8200 kg
- **Combat weight**: 8850 kg
- **Crew**: 3
- **Troops**: 6

### DIMENSIONS
- **Length**: 6120 mm
- **Width**: 2350 mm
- **Height (without turret)**: 2350 mm

### ENGINE
- **Engine type**: Diesel
- **Engine horsepower**: 356 hp

### SUSPENSION
- **Suspension**: 4x4

### ARMAMENT
- Armament is located in the remote control module:
  - **Main armament**: M-134G Minigun
  - **7.62x51 mm NATO, six-barreled machine gun.**

### SPEED AND RANGE
- **Maximum speed**: 140 km/h
- **Operational range**: 500 km
Multipurpose Armored Vehicle DIDGORI

**GENERAL**
- Empty weight – 8010 kg
- Combat weight – 8610 kg
- Crew - 3
- Troops - 4

**DIMENSIONS**
- Length – 6120 mm
- Width – 2350 mm
- Height (without turret) – 2180 mm

**SPEED AND RANGE**
- Maximum speed – 80 km/h
- Operational range – 500 km

**ENGINE**
- Engine type - Diesel
- Engine horsepower – 356 hp

**ARMAMENT**
- Main armament - NSVT 12,7 mm heavy machine gun

**SPEED AND RANGE**
- Maximum speed – 140 km/h
- Operational range – 500 km
Multipurpose Armored Vehicle DIDGORI

DIDGORI - 3

**GENERAL**
Empty weight – 9380 km
Combat weight – 10100 km
Crew - 6

**DIMENSIONS**
Length – 6500 mm
Width – 2110 mm
Height (without turret) - 2260 mm

**SPEED AND RANGE**
Maximum Speed – 75 km/h
Operational range – 380 km

**ENGINE, TRANSMISSION**
Engine horsepower – 160 hp
Transmission – Mechanical

**SUSPENSION**
Suspension - 6x6

**ARMAMENT**
Armament is located in the remote control module:
Main armament - NSVT 12,7 mm machine gun
Secondary armament - PKT - 7.62 mm twin mounted machine gun

**REMOTE CONTROL WEAPON MODULE**
Traverse - ± 360°;
Elevation - -10°/+ 85°
Multipurpose Armored Vehicle DIDGORI

**DIDGORI Features**

**DOUBLE LAYER MODULAR ARMOR**

Vehicle features Double Layer Modular Armor state of art Technology. Which enables operator:

- Change armor panels in case of abnormal damage in field conditions;
- Reconfiguration of the protection level;
- Ensure additional thermal insulation...

**ANGULAR EXTERIOR DESIGN**

Special attention is paid to exterior design of the vehicle with optimal angle of the armor plate placing. Size of flat panels is reduced to minimum. Which enables:

- High structural stiffness;
- Increased protection against kinetic strength;
- Increased maneuverability.

**ADVANCED ANT MINE PROTECTION**

Hull of DIDGORI represents multilayer armor sandwich construction of armored steel and composite materials. Composite material acts as a dumper and absorbs shock waves. In case of abnormal damage outer layer and composite damper is easily replaceable.
**DIDGORI Features**

**ONBOARD NAVIGATION SYSTEM**

DIDGORI – is equipped with the state of art GPS and GSM, short/ultra short connection navigation. Which enables:
- Navigation through different terrains;
- Location identification for control center;
- Integration of all information into 1 battlefield management system;
- Flexibility of information usage either on military applications, or on a simple remote devices (smartphone/Ipad/Tablet/laptop)...

**DAY-NIGHT OPERATION CAPABILITY**

DIDGORI in standard comes equipped with the Day-Night and FLIR (Front Looking Infra Red) cameras. Allowing crew to conduct night operations with zero external visibility.

**REMOTE FIRE CONTROL SYSTEM**

Vehicle can be equipped with Remote Fire Control System which enables dislocation of operator below of firing level.
Artillery Systems
Caliber, mm 60
Barrel Length, mm 650
Base Plate Diameter, mm 300
Weight, kg
- Total 17.4
- Barrel With Branch Block 3.8
- Base Plate Compl. 3.8
- Bipod 9.8
- Double Charge Safety
Elevation: Max. 80°
Min. 45°

Traverse +/-40
Range Of Fire, m: Max. 2550
Min 94
Rate Of Fire, rounds/min 15
Muzzle Velocity, m/sc 222
Crew 3
Life Expectancy, rounds 10,000
82 mm mortar

- Caliber, mm 82
- Barrel Length, mm 1220
- Base Plate Diameter, mm 600
- Weight, kg
  - Total 51
  - Barrel With Branch Block 18.5
  - Base Plate Compl. 10.8
  - Bipod 17.7
  - Double Charge Safety
- Mechanism Weight 4
- Elevation: Max. 80° Min. 45°
- Traverse - +/-40
- Range Of Fire, m: Max. 3050 Min 400
- Rate Of Fire, rounds/min 15
- Muzzle Velocity, m/sc 221
- Crew 4
- Life Expectancy, rounds 10 0001
82 mm mortar

Caliber, mm 82  
Barrel Length, mm 1220  
Base Plate Diameter, mm 600  
Weight, kg  
- Total 51  
- Barrel With Branch Block 18.5  
- Base Plate Compl. 10.8  
- Bipod 17.7  
- Double Charge Safety  
Mechanism Weight 4  
Elevation: Max. 80°  
Min. 45°

Traverse - +/-40  
Range Of Fire, m: Max. 3050  
Min 400  
Rate Of Fire, rounds/min 15  
Muzzle Velocity, m/sc 221  
Crew 4  
Life Expectancy, rounds 10 0001
120 mm mortar

Caliber, mm 120
Barrel Length, mm 1740
Base Plate Diameter, mm 900
Weight, kg
- Total 216
- Barrel With Branch Block 73.4
- Base Plate Compl. 64.5
- Bipod 73
- Double Charge Safety
Mechanism Weight 5
Elevation: Max. 80°
Min. 45°

Traverse - +/−50
Range Of Fire, m: Max. 7100
Min 480
Rate Of Fire, rounds/min 15
Muzzle Velocity, m/sc 325
Crew 5
Life Expectancy, rounds 10 000
Barrel Length, mm 395
Weight, kg 2.5
Elevation: Max. 85°
Min. 30°
Range Of Fire, m: Max. 450, Min 50

Rate Of Fire, rounds/min 30
Life Expectancy, Rounds 15 000
Noise Level, db 69
Bomb Weight, Kg 1.5
Bomb Effective Casualty Radius, 25m

GNM is noiseless mortar designed for special forces and tactical groups for concealed operations. Crew can hit the target and yet stay unnoticed, which is great advantage for modern small units warfare. Noiseless function of system is achieved due to special design of mortar and grenades. In addition to this advantages Ultra light construction makes it easy to be transported by soldier over great distances. Muzzle loaded system enables usage of mortar in conventional way without additional training.
Crew - 5
Chassis - KpA3-63221
Quantity of the launch tubes – 40 pieces
Duration of complete salvo fire – 20 sec
Maximum speed on asphalt road – 70 km/h
Operational range – 500 km
Caliber – 122 mm
Firing range:
  Minimal – 1 000 m
  Maximal – 45 000 m
Personal Protection Equipment
Mark I Specifications

NIJ III
Description
Ballistic Body Armor Tactical model with MOLLE webbing produced according as **NIJ0101.04 standard with III Level** of protection.
- Weight _ 7.5kg\(^{(1)}\);
- Protected area _ 42-44 dm\(^2\)(2).

NIJ III+ 7.62x54
Description
Ballistic Body Armor Tactical model with MOLLE webbing produced according as **NIJ0101.04 standard with III+ 7.62x54(PK) Level** of protection.
- Weight _ 8.5kg\(^{(1)}\);
- Protected area _ 42-44 dm\(^2\)(2).

NIJ IV
Description
Ballistic Body Armor Tactical model with MOLLE webbing produced according as **NIJ 0101.04 standard with III Level** of protection.
Weight _ 9.5kg\(^{(1)}\);
Protected area _ 42-44 dm\(^2\)(2).

---

\(^{(1)}\) Including the Plates

\(^{(2)}\) Vary according to the size M/L/XL
## Mark III Specifications

### POLICE VEST
- **Bullet Protection**
- **Fragmentation Protection**
- **Gross Weight (Medium)**: 3.2 kg
- **Surface Area Protected**: 40 dm² (M size)
- **Structure**: Flexible
- **UV/Moisture Protection**: Ballistic pack seal in a PU coated nylon bag
- **Sizes**: S, M, L, XL, XXL
- **Colors**: Beige, Dark Blue, Olive Green or Custom
- **Optional Extras**: Ballistic Plates

### G-4
- **NIJ Level IIIA**
- **V50-750 m/s (grams)**
- **Ballistic Plate**
Standard Features:
- Full torso coverage with side overlapping;
- Easy-care, dry-cleanable Cordura® outer shell;
- Pockets for hard armor inserts;
- 360° PALS(MOLLE) webbing;
- Waterproof ballistic panel cover;
- Reinforced drag handle;
- Emergency removal kit.

Options:
- Anti-stab add-on protection system;
- Neck and Groin protection;
- Additional pouches, holsters and magazine boxes;
- Custom sizes;
- Custom colors;

* Both vests (Mark I and Mark II) can be custom tailored and fitted to the exact demands of the partner.
Delta offers conventional infantry Armor Helmets. Quality materials and precious manufacturing process, in conjunction with strict quality control ensures protection level of NIJ 01.01.04 IIIa. Helmet delivers advanced ballistic, fragmentation, and impact head protection, with unsurpassed comfort for long-term use. Special combination of materials enables us to keep the weight of helmets as low as 1.2-1.4 kg depending on size. As an option We can offer rail for night vision and helmet shapes specifically design for our customers.
Anti-Tank Systems
Anti Tank Systems

**RPG-7 - Battle proven design assembled with modern technologies.**

**40mm Rocket-Propelled Launcher RPG-7**

- Caliber – 40 mm
- Weight – 5.83 kg
- Length – 950 mm
- Effective range – 500 m
- Max. Range – 1000 m
- Compatibility – All standard RPG-7 rounds
- Muzzle velocity – 112-145 m/sc
- Life expectancy – 1000 launches

**Equipment**

- Projectile Caring Backpack
- Holographic Sight with/without magnifier (Optional)
- Optical Sight (Optional)

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STC DELTA CORPORATE PRESENTATION 2015
RPG-7 - Battle proven design assembled with modern technologies.

Off-route Antitank Mine RD-7

- Weight - 32 kg
- Explosive Content - 17.5kg
- Caliber - 206 mm
- Range - 5 to 50 m
- Armor Penetration - 110mm
- Operating Temperature Range - (-40) to +60 C degrees
- Pierced Hole diameter - 120mm

Anti-tank Rocket Launcher PDM-1

- Caliber - 72.5 mm
- Length 700 mm
- Weight - 2.9kg
- Range, m 50 to 600
- Initial Speed of the Grenade m/sec -144
- Combat Unit Type - Fragmentation Elements
- Full Damage Radius - 24 m
Under Barrel Grenade Launchers

**GP-25**
Suitable for attaching to:
- 7.62 mm AK-47, AKM, AKMS
- 5.45 mm AK-74, AKS-74
Caliber - 40 mm
Rounds – VOG-25, VOG-25P
Maximum firing range – 400 m
Weight – 1.3 kg

**UBGL**
Suitable for attaching to:
- 5.56 mm M-4 and M-16
Caliber - 40 mm
Rounds – 40X46 mm grenades
Maximum firing range – 400 m
Weight – 1.7 kg

**AG-40**
Suitable for attaching to:
- 5.56 mm M-4 and M-16
- 5.45 mm AK-74, AKS-74
- 7.62 mm AK-47, AKM, AKMS
Caliber - 40 mm
Rounds – 40X46 mm grenades
Maximum firing range – 400 m
Weight – 1.7 kg
Other Military Products
Suppressors

**Technical Specification**

- **Firearms type - M-4**
  - Weight: 550 g
  - Caliber: 5.56 mm
  - Length: 225 mm
  - Diameter: 38 mm
  - Fire Recourse: 2500
  - Sound Reduction: 85 db

- **Firearms type - AK-74**
  - Weight: 710 g
  - Caliber: 5.45 mm
  - Length: 238 mm
  - Diameter: 38 mm
  - Fire Recourse: 2000-2500
  - Sound Reduction: 85 db

- **Firearms type - DT SRS**
  - Weight: 1.74 kg
  - Caliber: 8.6 mm (.338)
  - Length: 331 mm
  - Diameter: 47 mm
  - Fire Recourse: 2000
  - Sound Reduction: 85 db
Other Products

Blank adapters for cartridge firearms

Rubber track shoe production for tracked military vehicles
Other Products

Military Tents

Armored vehicle-launched bridge (AVLB)
Other Products

- Watchtower – 3 m
- Watchtowers – 12 m
- Antennas
Other Products

- Military Beds
- Anti-Riot Fences
- Safe Boxes
Design and Production Capabilities
The company successfully applies modern technology and engineering techniques, using the CAD/CAM/CAE design process, CATIA v5, Mechanical Desktop, Nastran, Patran, and other advanced programming. Delta is committed to continual upgrade of its IT systems with installation of the most modern computer programs.

**Machining**

- Machining of metal parts 3&4 axis CNC milling and turning machines
- Machines are equipped with modern software with digital control system, enabling to produce the parts of different sizes, configuration, surfaces with great accuracy and cleanliness
- Delta conducts machining works by using modern 5 axis CNC turning and milling machines

**Composite Materials, Sheet Metal and Welding, Non-Metal Items (rubber, glue, plastic), Heat Treatment & Coating**
Thank You!

STC DELTA

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