



2022

Innovation and Development of AUBO Cobot

AUBO (Beijing) Robotics Co., Ltd.

Collaboration Creates Future



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Impressions of AUBO



Industrial Layout



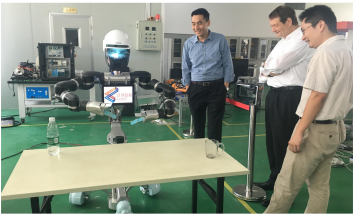
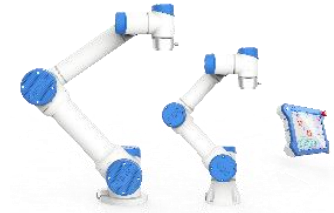
Applications Cases



Achievements of AUBO



Development History



2010
Started R&D

2012
Established a R&D center in Tennessee

2013
The first-generation product appeared

2015
Establishment of the Chinese company
AUBO i5 cobot was launched globally

2016
Putting into production
Jiangsu Changzhou Production Base was put into production
AUBO was approved to be National High-Tech Enterprise
AUBO-i5 products were produced in batches

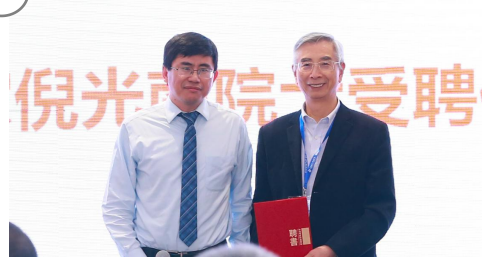
2017
Full-series Products on sale
Academician Ni Guangnan as the chief scientist of AUBO
New i3, i7, i10 products were launched globally
Passed the certification of CE, UL, KCs

2018
Passed the PL=d, CAT3 security certification
The first enterprise in China to pass the security certification of EN ISO 13849-1:2015(PL= D, CAT 3) in the field of collaborative robot

2019
Undertaking of projects under the National Key R&D Program
AUBO i16, iV series products were launched globally

2020
The first massage robot was released in China
The domestic first intelligent and flexible production line of collaborative robots was released

2022
Sales exceeded 15,000 units
Products passed SEMI S2 certification



Globalization



Headquarters

Beijing

Sales and Operation Center

Shanghai

Subsidiaries

Changzhou (Production base)

Germany

United States

Taiwan

Japan

Shenzhen

Chengdu



Global Sales

15000 units

Employees (worldwide)

350+

Partners

200+

Countries

50+

Overview of AUBO



China's First

- Established in 2015



Top1 in Sales (Chinese brand)

- Sales exceeded 10,000 units



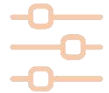
Wide Application

- Industry, new retail, logistics, healthcare, service, agriculture and other fields



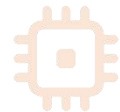
Overseas Layout

- 50+ overseas distributors



Industry Chain

- Unique technology, core components, leading products and industry system solutions are integrated



Certifications

- Passed the certifications of CE, UL, KCs, (PL=d, CAT3), SEMI S2



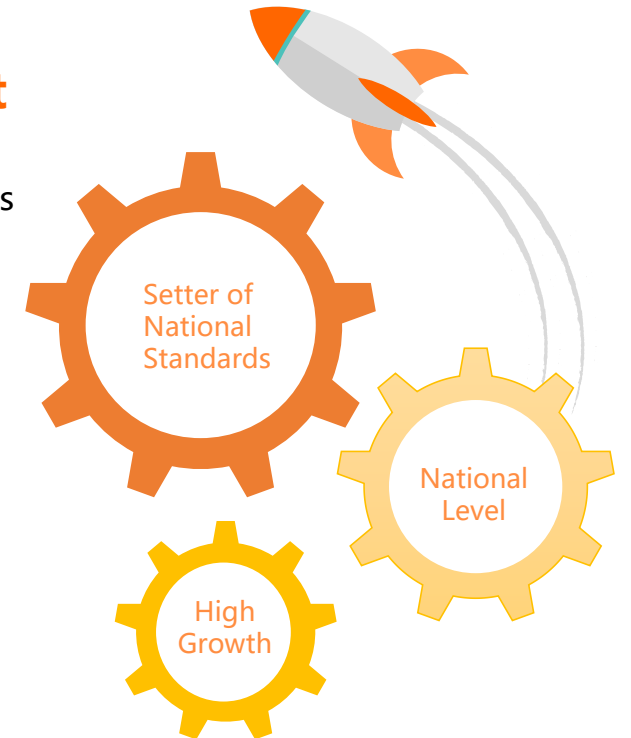
Production Base

- Cover 12,000m²
- Annual production capacity can reach 12,000 units



Eco-system

- Cobot+ecological products
- "plug and play" solution



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Product Family



AUBO i-series



i3



i5



i10



i16



i20

Max Payload: 3Kg

Repeatability: $\pm 0.02\text{mm}$

Reach: 625mm

Weight: 16Kg

Linear Velocity: $\leq 1.9\text{m/s}$

Max Payload: 5Kg

Repeatability: $\pm 0.02\text{mm}$

Reach: 886.5mm

Weight: 24Kg

Linear Velocity: $\leq 3.4\text{m/s}$

Max Payload: 10Kg

Repeatability: $\pm 0.03\text{mm}$

Reach 1350mm

Weight: 38.5Kg

Linear velocity: $\leq 4.0\text{m/s}$

Max Payload: 16Kg

Repeatability: $\pm 0.03\text{mm}$

Reach 967.5mm

Weight: 38Kg

Linear velocity: $\leq 3.0\text{m/s}$

Max Payload: 20Kg

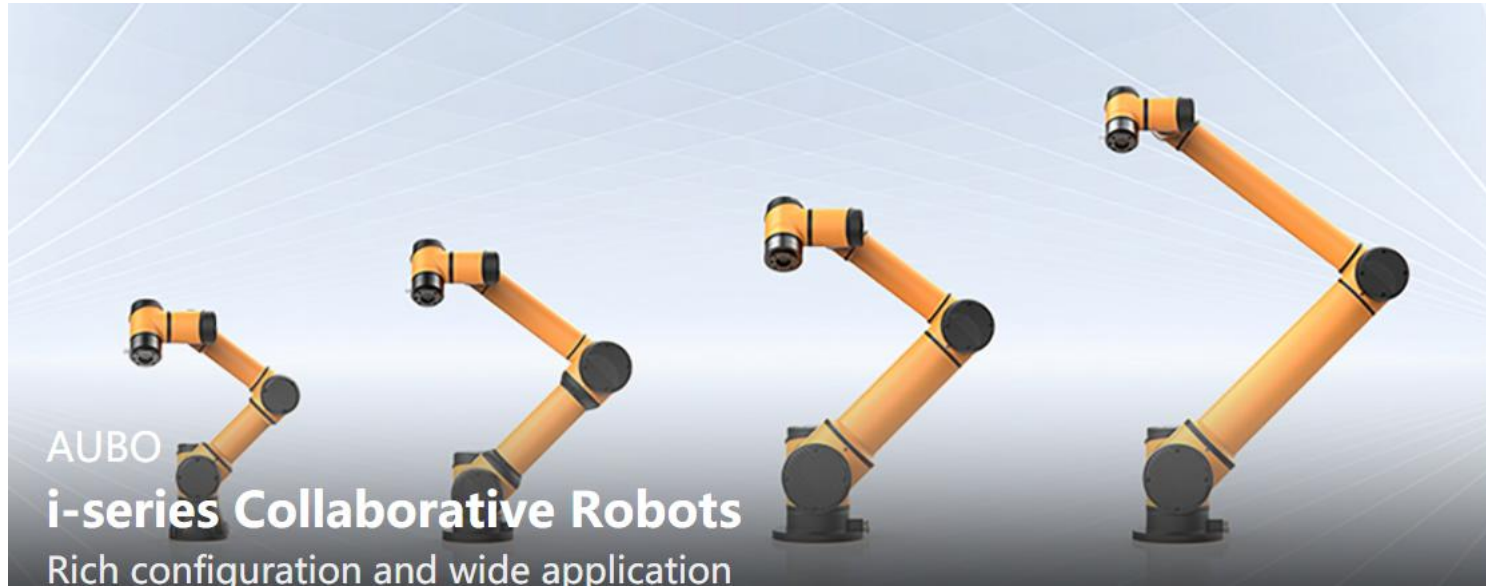
Repeatability: $\pm 0.1\text{mm}$

Reach 1650mm

Weight: 63Kg

Linear velocity: $\leq 2.6\text{m/s}$

Product Family



Flexible
deployment



Easy
programming



Safety
and
stability



Modulari
zation



High
accuracy



Flexible
production



Wide
application



System
opening



High ROI

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Impressions of AUBO



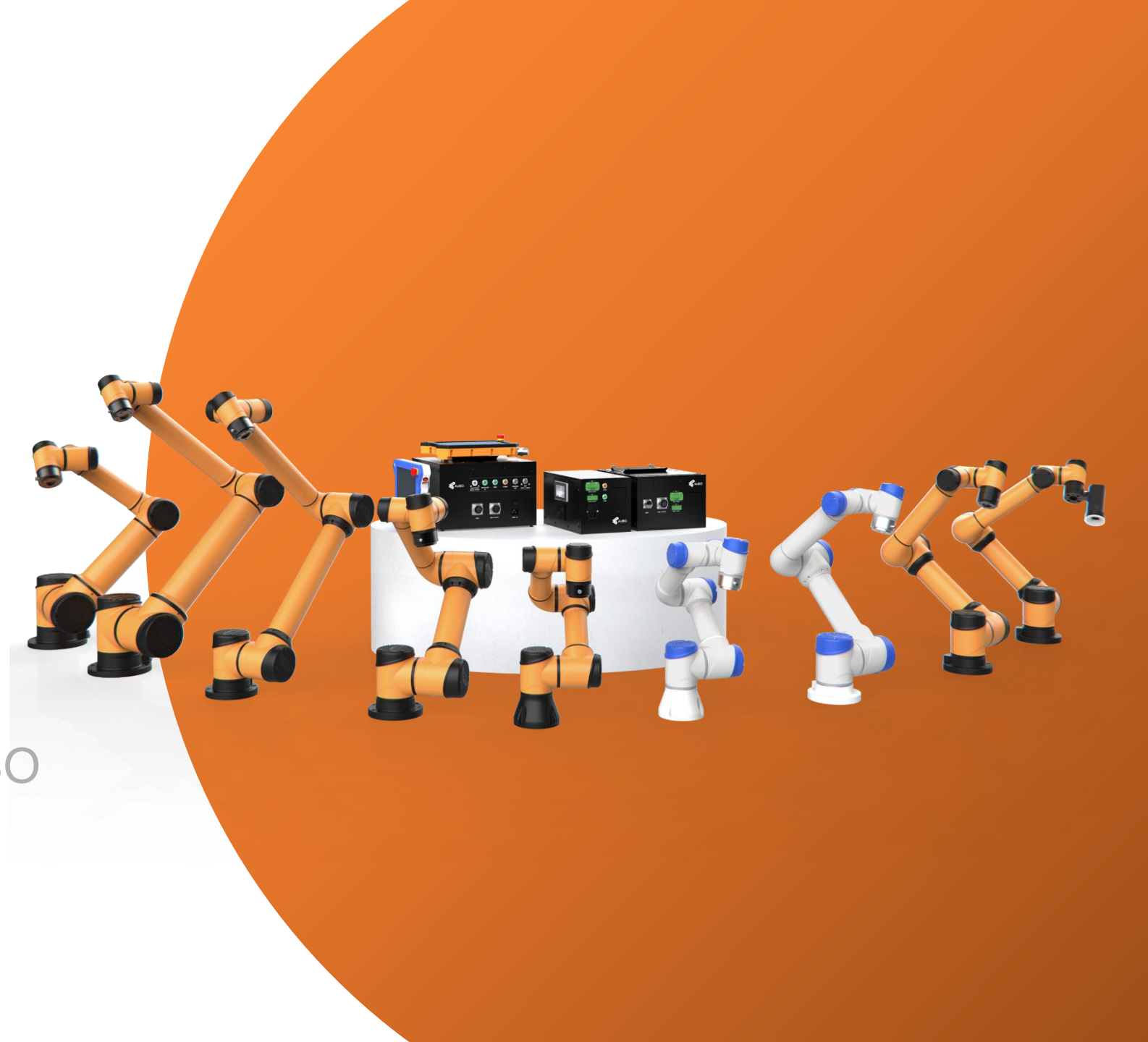
Industrial Layout



Applications Cases



Achievements of AUBO

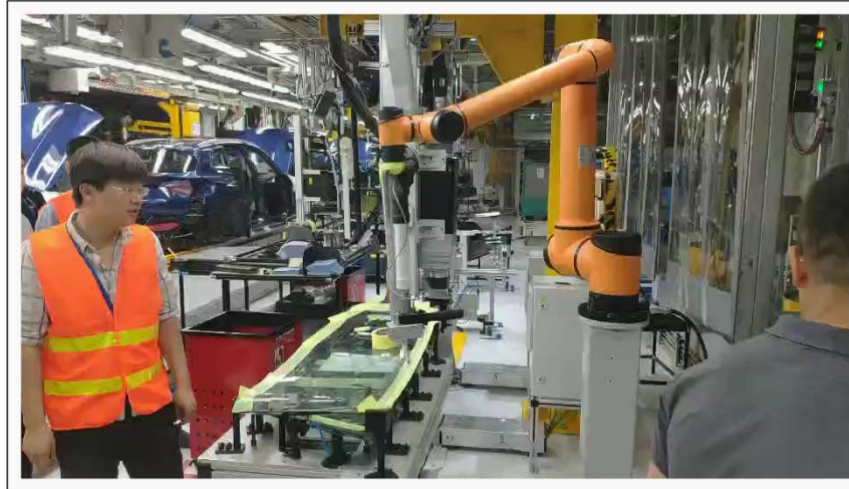


Wide Applications

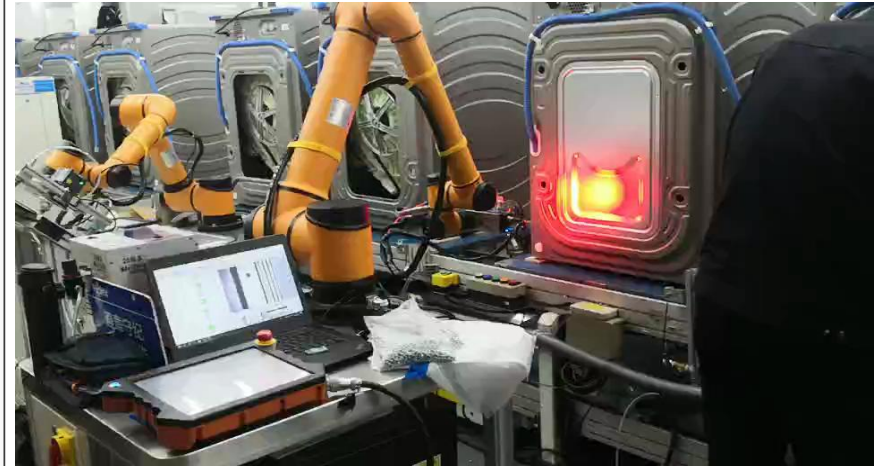


| | | | |
|--|---|--|---|
|  3C |  Automobile |  Hardware and Household Appliances |  Sanitary Appliances for Kitchens and Bathrooms |
|  Chemical Products for Daily Use |  New Retail |  Catering |  Healthcare |
|  Logistics |  Scientific Research and Education |  Others | |

Application cases



Car glass gumming(BMW)



White household appliance(Haier)



Server Appearance Detection(Lenovo)



Vacuum Cup Stretching Line(HRERS)

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Achievements of AUBO



Qualification & Honor



The Best-selling Cobot in China

2017/2018/2019/2020

- Sales exceeded 15,000 units
- National High-tech Enterprises

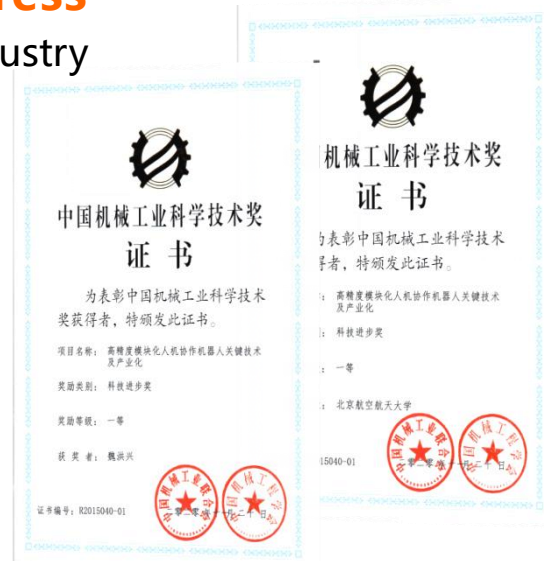


- National Pilot Unit for Standardization of High-End Equipment Manufacturing Industry (2/98)
- Drafting Unit of National Standard for Collaborative Robots (GB/T36008-2018)
- Secretariat Unit of the Working Group on Collaborative Robot of the National
- Member of Expert Group on the International Standard for Robot Modularization ISO-TC299/WG10



First Prize of Science and Technology Progress

China Mechanical Industry



Setter of National Standard for Collaborative Robot

Localization of core parts

3

Organized to formulate 3 national standards

2

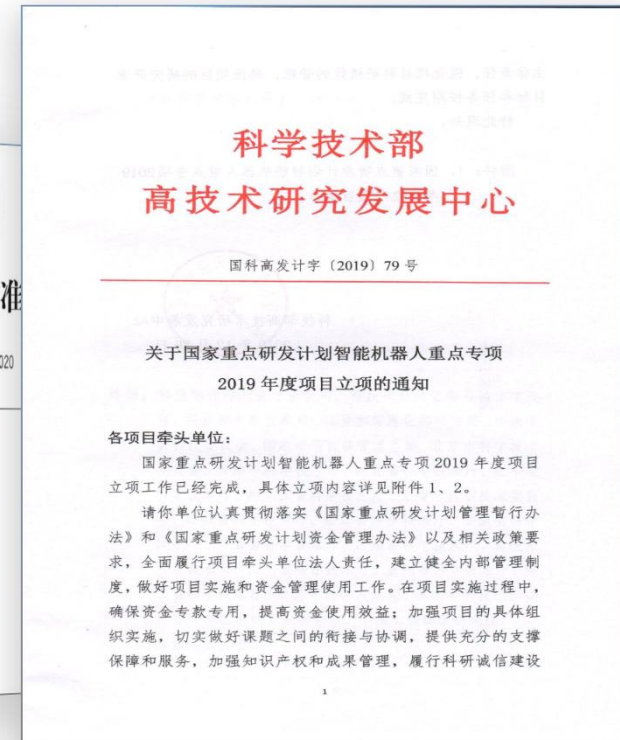
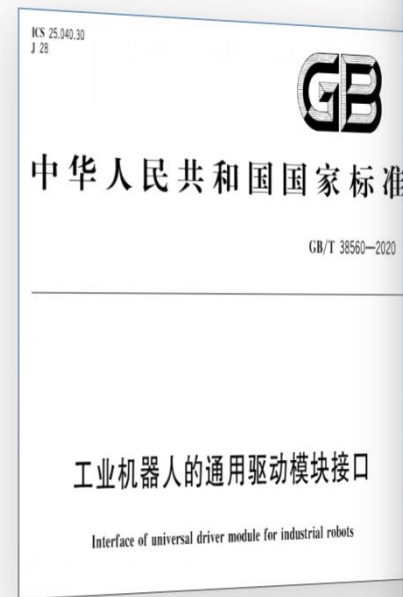
Organized 2 projects under the National Key R&D Program of the Ministry of Science and Technology

18

Participated in the formulation of 18 national and industrial standards

4

Participated in 4 projects under the National Key R&D Program of the Ministry of Science and Technology



Titles of national standards AUBO organized to formulate

- 《Design Specification of Industrial Robots for Human-Computer Collaboration》 GB/T 39402-2020
- 《Universal Module Interface for Industrial Robots》 GB/T 38560-2020
- 《Code for Detection of Multidimensional Force / Torque Sensor for Robot》 20203656-T-604

Names of projects under the National Key R & D Program AUBO organized to declare

- 《R&D and Integration Verification of Integrated Joints for Collaborative Robots》
- 《Application Demonstration of Collaborative Robot System for Typical Auto Parts Assembly》

Product Certification

Safety and Stability

The first enterprise in China to pass (PL=d, CAT 3) security certification



EN ISO 13849-1:2015(PL=d, CAT 3)

CE

UL

KCs

CR

SEMI S2



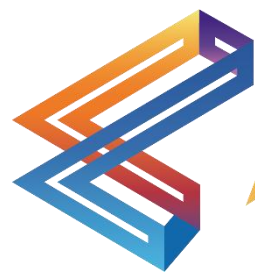
Our Customers

Relying on products and services, AUBO cobots have been widely used in major areas such as automobiles, 3C, healthcare, general industry, services, and agriculture.



Our Mission





AUBO

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THANKS