Recuerda marcar tu asistencia

Asistencia en LMS

Desarrollo de Aplicaciones Web

El futuro digital es de todos

MinTIC

Semana 3 Sesión 02

Mongo DB

Ing Edwin Garcia

El futuro digital es de todos

MinTIC

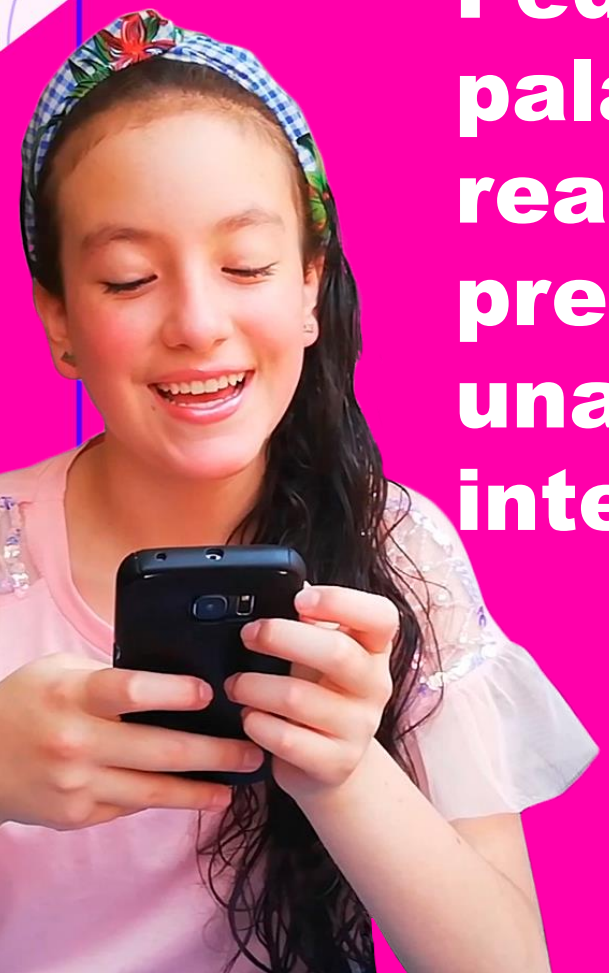
Hechos QUE CONECTAN

Recuerden marcar su asistencia

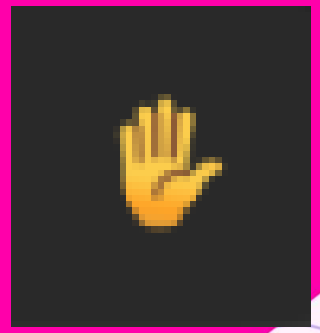
Asistencia en LMS

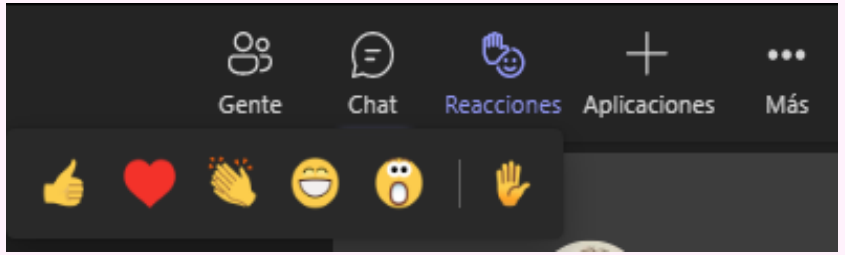
El futuro digital es de todos

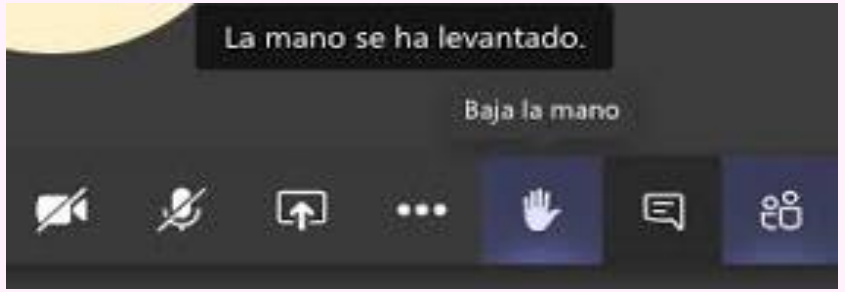
MinTIC



Pedir la palabra para realizar una pregunta o una intervención







Misión TIC 2022

unab
VIGILADA MINEDUCACIÓN

Hechos QUE CONECTAN

El futuro digital es de todos
MinTIC
Mision TIC 2022
unab
VIGILADA MINEDUCACIÓN
Hechos QUE CONECTAN

El futuro digital es de todos
MinTIC

DB – Red Social

- Users { name, Nick, password, email, imagen }
- Posts { text, images, date }
- Follows { user, follow }
- Messages { emitter, receiver, text, date }
- Reactions { post, user }

Mision TIC 2022
unab
VIGILADA MINEDUCACIÓN
Hechos QUE CONECTAN

Messages { id_
emitter_id,
receiver_id,
text,
date
}

Users { id_
name,
Nick,
password,
email,
imagen,
Follows { _id
user,
follow
}}

Follows { _id
user,
follow
}

Posts { _id
text,
images,
date,
Users { id_
name,
imagen
}
Reactions { id_
post,
user
}
}

Reactions { id_
post,
user
}

Messages { id_
emitter_id,
receiver_id,
text,
date
}

Users { id_
name,
Nick,
password,
email,
imagen,
Posts { _id
text,
images,
date,
Reactions { id_
post,
user
}
}
Follows { _id
user,
follow
}

}

Follows { _id
user,
follow
}

Posts { _id
text,
images,
date,
Users { id_
name,
imagen
}
Reactions { id_
post,
user
}

}

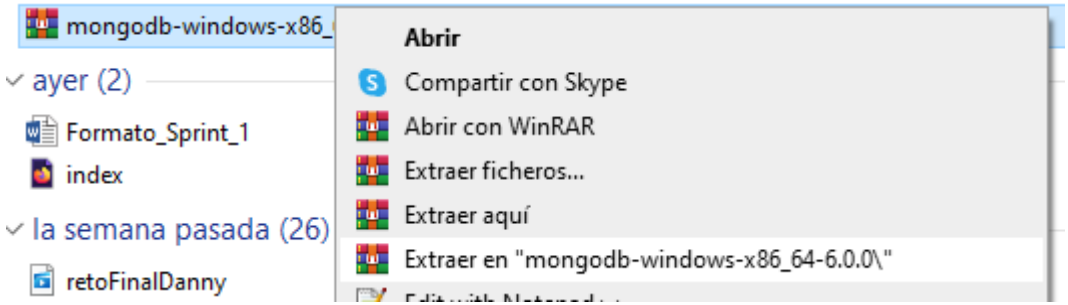
Reactions { id_
post,
user
}

Instalando mongo db

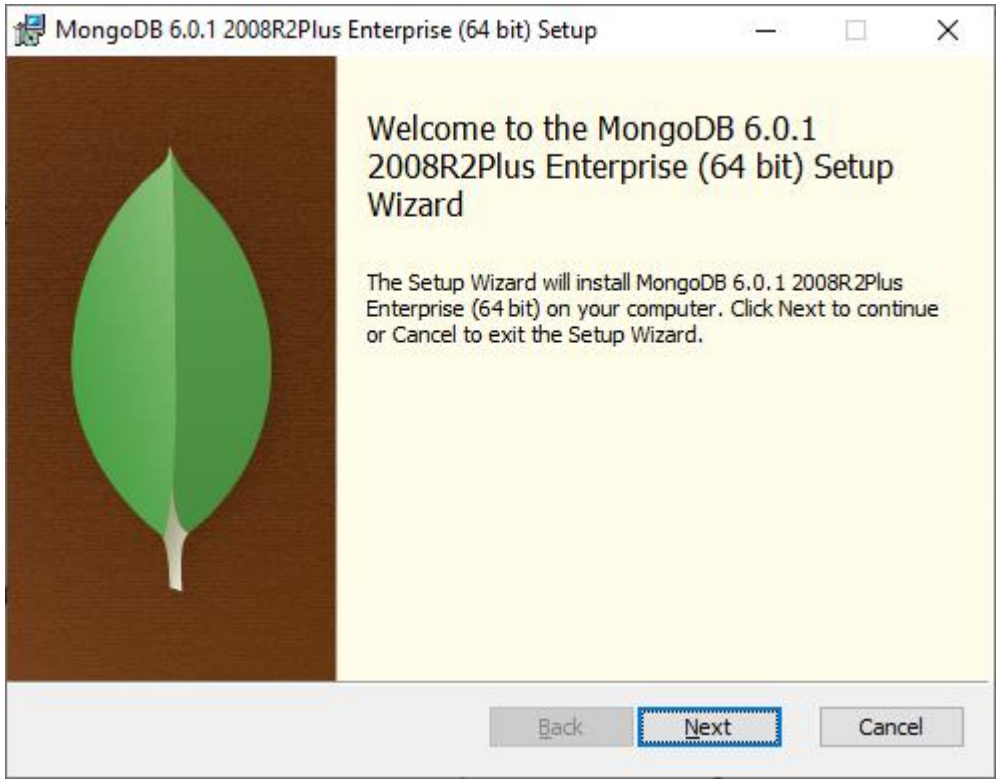
- https://www.mongodb.com/download-center/enterprise/releases

- Windows x64
  - Archive: mongodb-windows-x86_64-enterprise-6.0.1.zip
  - Crypt Shared: mongo_crypt_shared_v1-windows-x86_64-enterprise-6.0.1.zip
  - Package: mongodb-windows-x86_64-enterprise-6.0.1-signed.msi

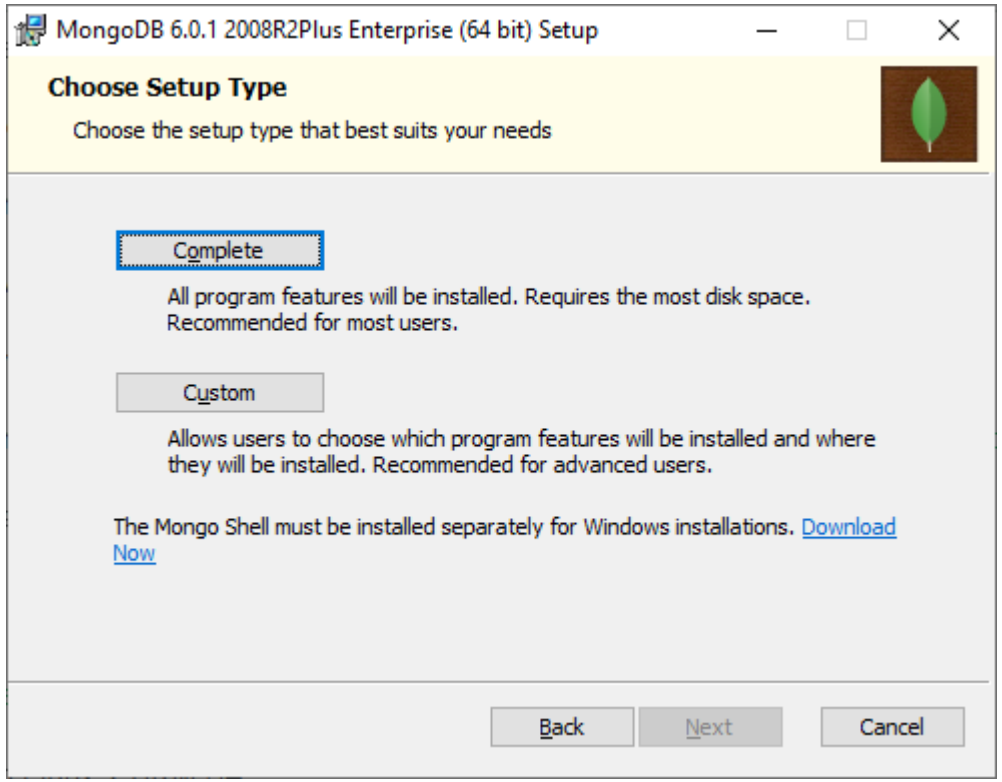
El futuro digital es de todos
MinTIC

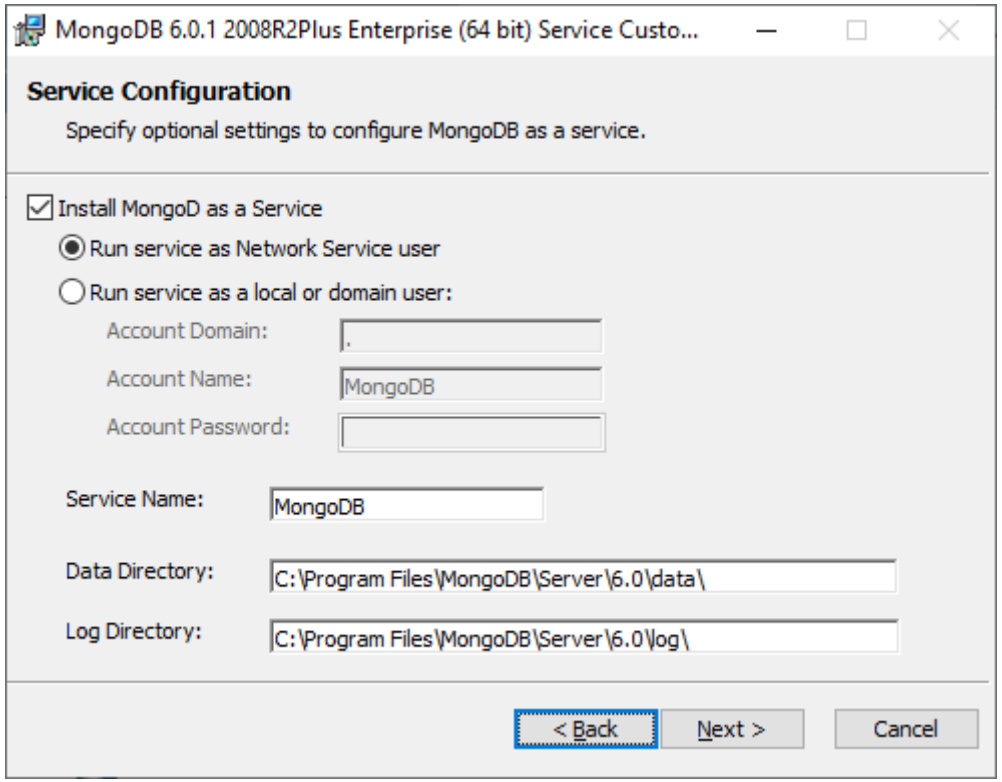


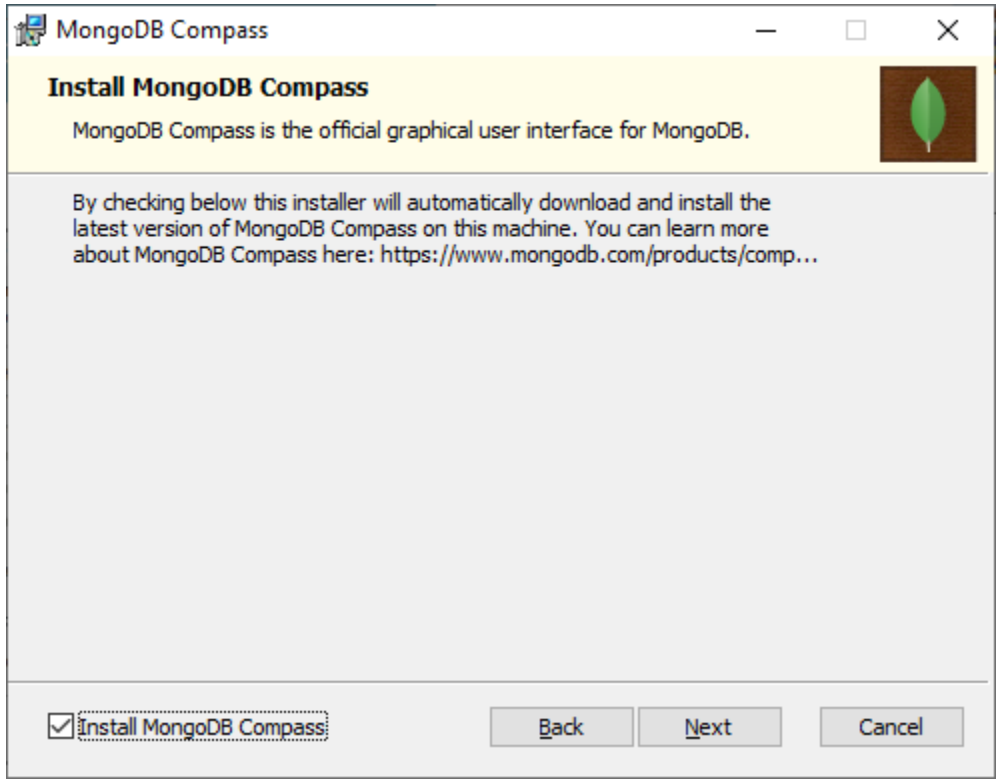
Mision TIC 2022
unab
VIGILADA MINEDUCACIÓN
Hechos QUE CONECTAN

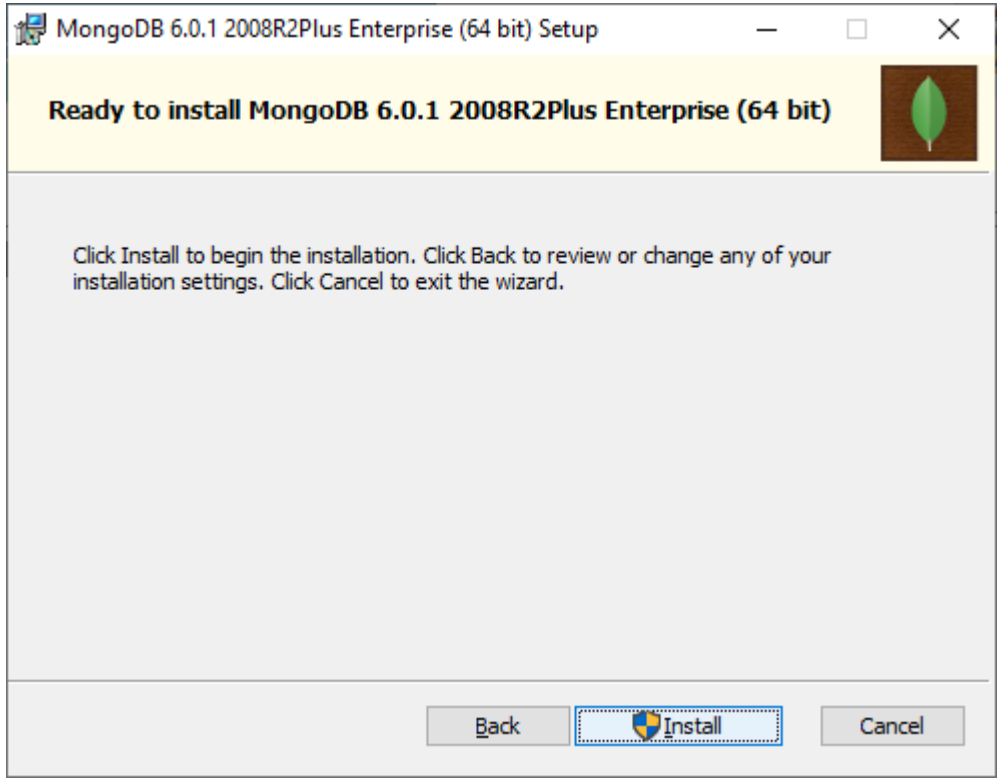

MongoDB 6.0.1 2008R2Plus Enterprise (64 bit) Setup
Welcome to the MongoDB 6.0.1 2008R2Plus Enterprise (64 bit) Setup Wizard
The Setup Wizard will install MongoDB 6.0.1 2008R2Plus Enterprise (64 bit) on your computer. Click Next to continue or Cancel to exit the Setup Wizard.
Back
Next
Cancel

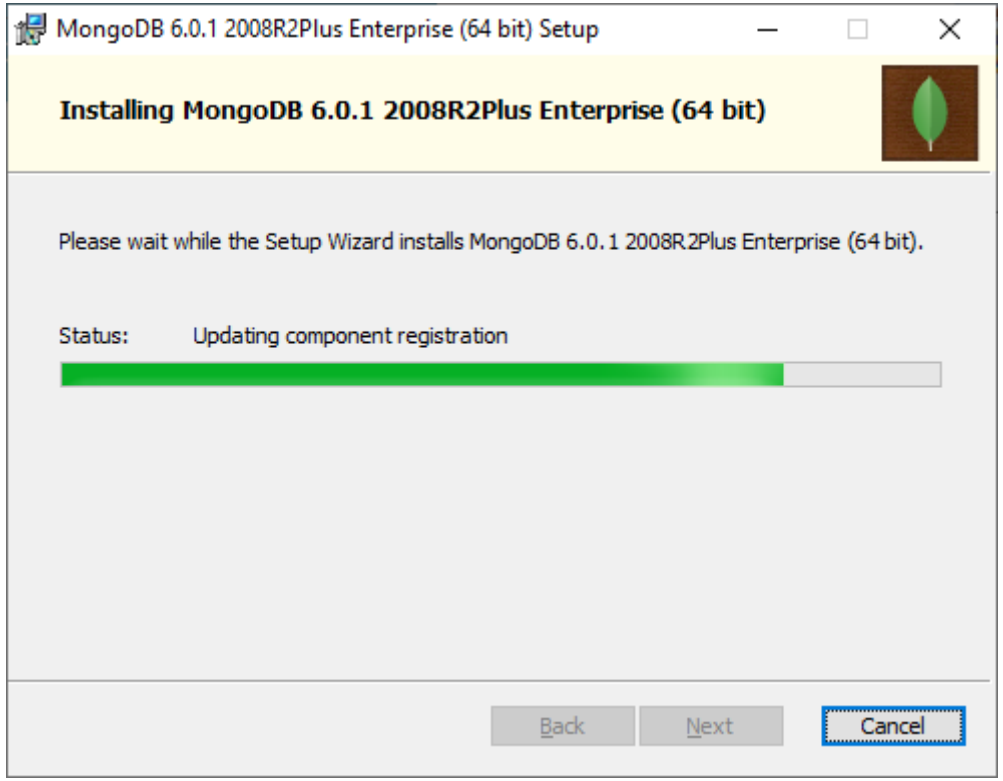
MongoDB 6.0.1 2008R2Plus Enterprise (64 bit) Setup
End-User License Agreement
Please read the following license agreement carefully
Customer Agreement
By agreeing to an Order Form that references this Customer Agreement (this “Agreement”), or by downloading our Software for a free trial, you agree to this Agreement. If you represent an organization, you represent and warrant that you
I accept the terms in the License Agreement
Print
Back
Next
Cancel

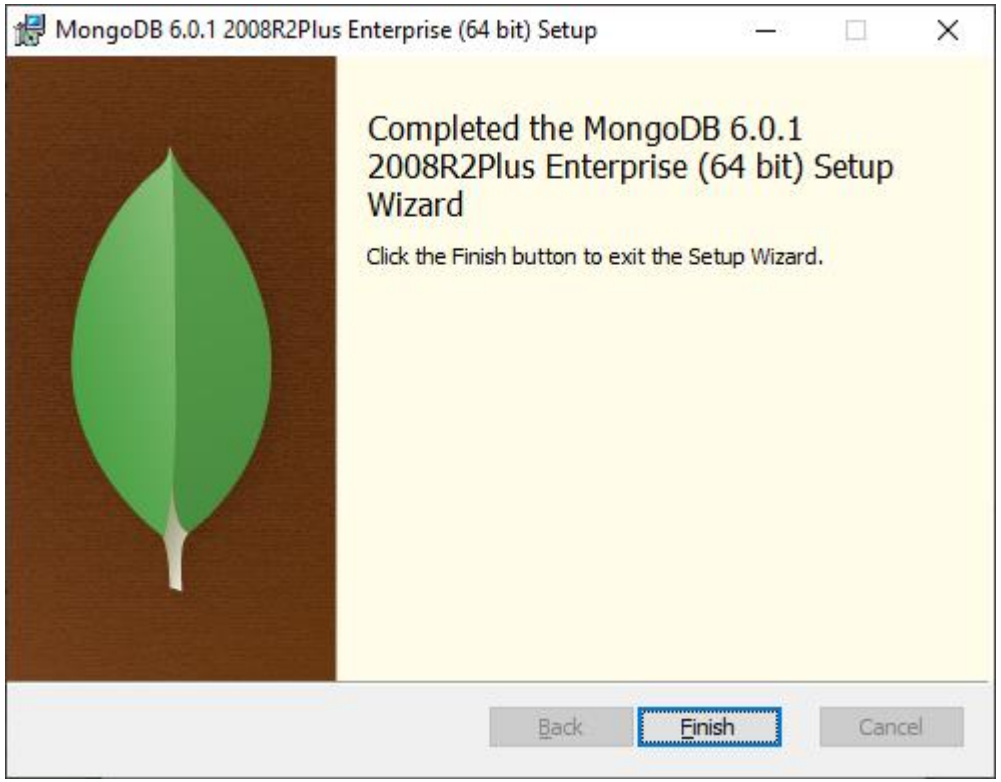

MongoDB 6.0.1 2008R2Plus Enterprise (64 bit) Setup
Choose Setup Type
Choose the setup type that best suits your needs
Complete
All program features will be installed. Requires the most disk space.
Recommended for most users.
Custom
Allows users to choose which program features will be installed and where they will be installed. Recommended for advanced users.
The Mongo Shell must be installed separately for Windows installations. Download Now
Back
Next
Cancel


MongoDB 6.0.1 2008R2Plus Enterprise (64 bit) Service Custo...
Service Configuration
Specify optional settings to configure MongoDB as a service.
Install MongoD as a Service
Run service as Network Service user
Run service as a local or domain user:
Account Domain:
.
Account Name:
MongoDB
Account Password:
Service Name:
MongoDB
Data Directory:
C:\Program Files\MongoDB\Server\6.0\data\
Log Directory:
C:\Program Files\MongoDB\Server\6.0\log\
< Back
Next >
Cancel

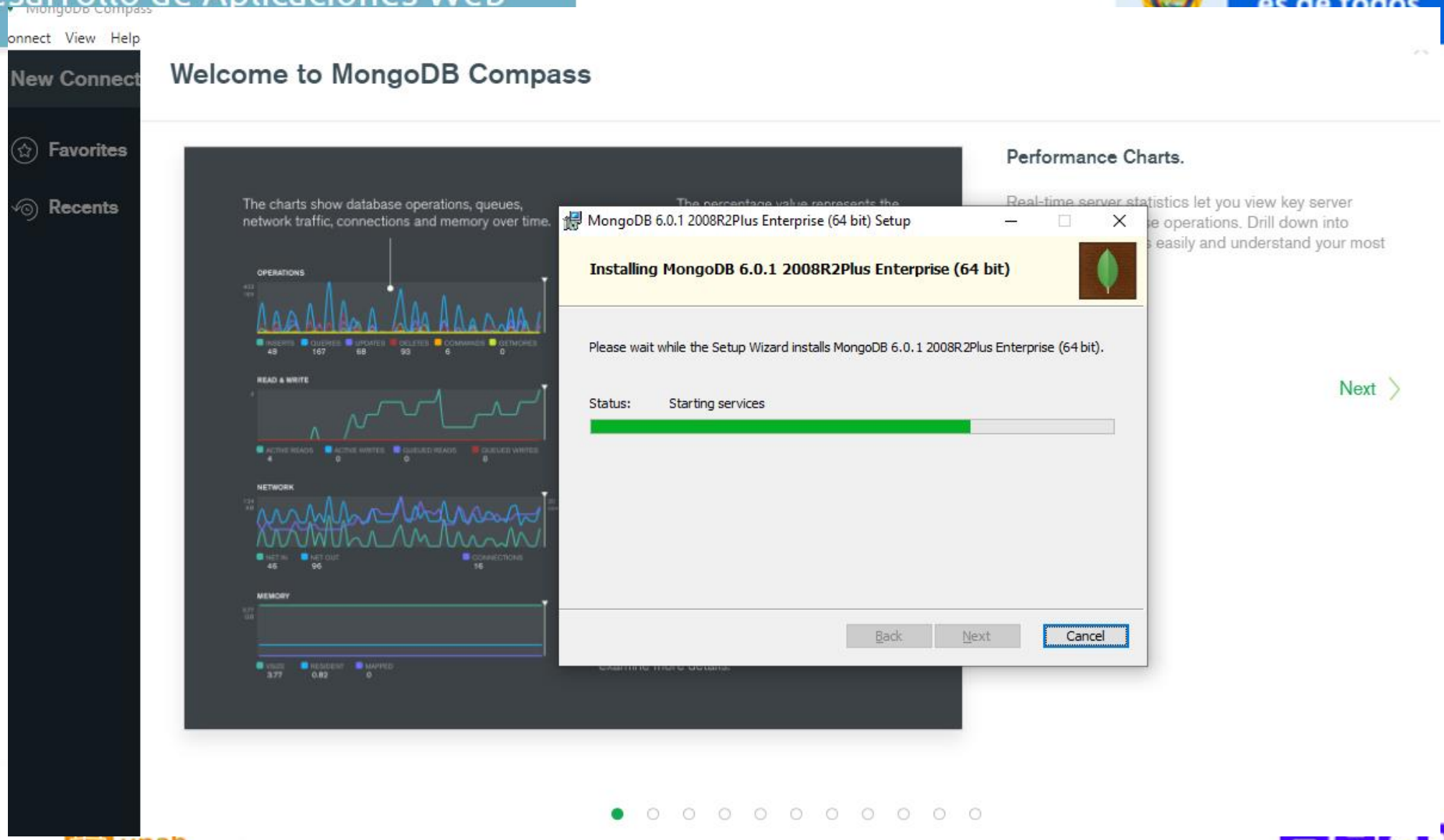

MongoDB Compass
Install MongoDB Compass
MongoDB Compass is the official graphical user interface for MongoDB.
By checking below this installer will automatically download and install the latest version of MongoDB Compass on this machine. You can learn more about MongoDB Compass here: https://www.mongodb.com/products/comp...
Install MongoDB Compass
Back
Next
Cancel


MongoDB 6.0.1 2008R2Plus Enterprise (64 bit) Setup
Ready to install MongoDB 6.0.1 2008R2Plus Enterprise (64 bit)
Click Install to begin the installation. Click Back to review or change any of your installation settings. Click Cancel to exit the wizard.
Back
Install
Cancel


MongoDB 6.0.1 2008R2Plus Enterprise (64 bit) Setup
Installing MongoDB 6.0.1 2008R2Plus Enterprise (64 bit)
Please wait while the Setup Wizard installs MongoDB 6.0.1 2008R2Plus Enterprise (64 bit).
Status: Updating component registration
Back
Next
Cancel


MongoDB 6.0.1 2008R2Plus Enterprise (64 bit) Setup
Completed the MongoDB 6.0.1 2008R2Plus Enterprise (64 bit) Setup Wizard
Click the Finish button to exit the Setup Wizard.
Back
Finish
Cancel

El futuro digital es de todos
MinTIC



Mision TIC 2022
unab VIGILADA MINEDUCACIÓN
Hechos QUE CONECTAN

Downloads
mongoDBCompass

MongoDBCompass
Aplicación

MongoDB Compass

ect View Help

ew Connection +

Favorites

Recents

New C

Connect to a

URI

mongodb:

> Advanc

Save

New to Com

cluster?

If you don't a

create one fo

CREATE F

How do I fin

Atlas?

If you have a

AVORITE

ng

nnect

Privacy Settings

To enhance the user experience, Compass can integrate with 3rd party services, which requires external network requests. Please choose from the settings below:

- [x] **Enable Automatic Updates**

  Allow Compass to periodically check for new updates.

- [x] **Enable Geographic Visualizations**

  Allow Compass to make requests to a 3rd party mapping service.

- [x] **Enable Crash Reports**

  Allow Compass to send crash reports containing stack traces and unhandled exceptions.

- [x] **Enable Usage Statistics**

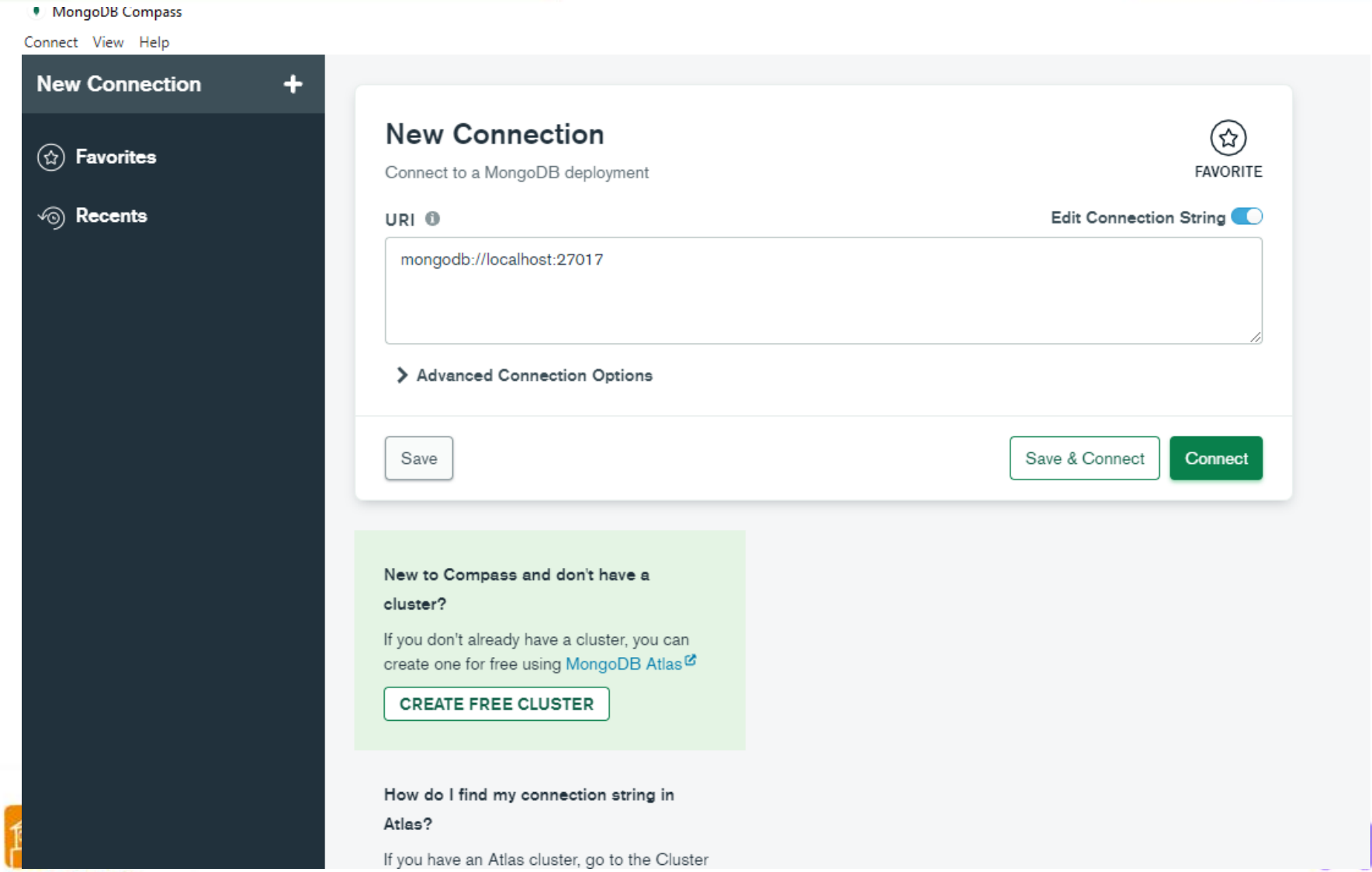
  Allow Compass to send anonymous usage statistics.

- [x] **Give Product Feedback**

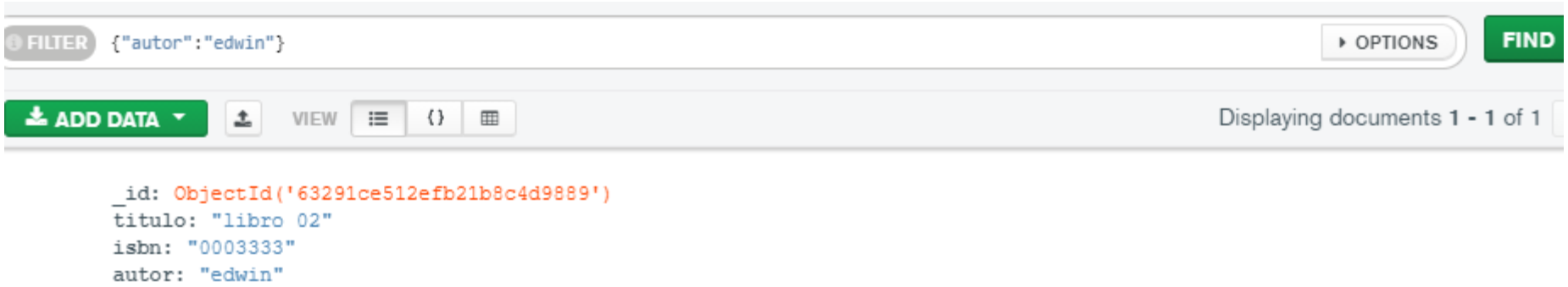
  Enables a tool that our Product team can use to occasionally reach out for feedback about Compass.

With any of these options, none of your personal information or stored data will be submitted.
Learn more: MongoDB Privacy Policy

Start Using Compass


MongoDB Compass
Connect View Help
New Connection
Favorites
Recents
New Connection
Connect to a MongoDB deployment
FAVORITE
URI
Edit Connection String
mongodb://localhost:27017
Advanced Connection Options
Save
Save & Connect
Connect
New to Compass and don't have a cluster?
If you don't already have a cluster, you can create one for free using MongoDB Atlas
CREATE FREE CLUSTER
How do I find my connection string in Atlas?
If you have an Atlas cluster, go to the Cluster

El futuro digital es de todos
MinTIC



Mision TIC 2022
unab
VIGILADA MINEDUCACIÓN
Hechos QUE CONECTAN

Agregations

Match

Update

```
db.getCollection("libros").updateOne({"autor":"edwin"},[{$set : {"autor": “Edwin Garcia"}}])
```

Update Many

```
db.getCollection("libros").updateMany({"autor":"Edwin "},[{$set : {"autor": "Edwin Garcia"}}])
```

El futuro digital es de todos
MinTIC

Delete

```
db.getCollection("libros").deleteOne({"_id" :
ObjectId("63291ced12efb21b8c4d988a")})
```

- https://www.youtube.com/watch?v=8gbDA7kH5zg
- https://www.mongodb.com/download-center/enterprise/releases
- https://blog.devgenius.io/querying-and-updating-documents-on-mongodb-compass-c9be25ffffb2

Bibliografía

El futuro digital es de todos

MinTIC

Practicar los temas tratados

MisionTIC2022

unab VIGILADA MINEDUCACIÓN

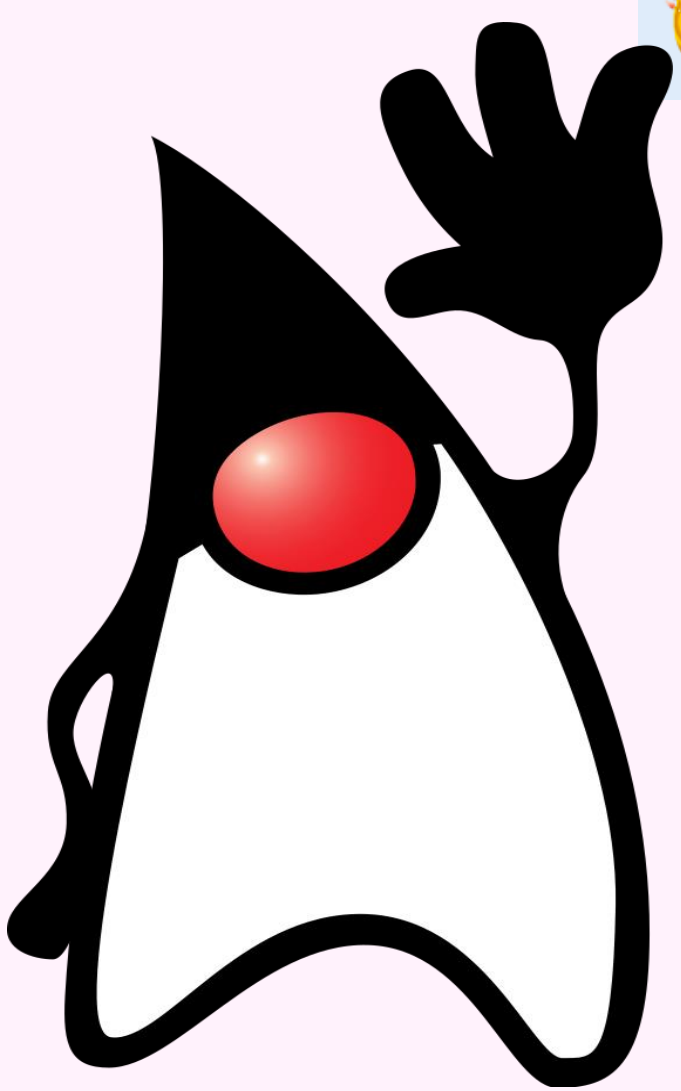
Hechos QUE CONECTAN

Nos vemos en la siguiente sesión

El futuro digital es de todos

MinTIC

Muchas Gracias



www.mintic.gov.co

MisionTIC2022

unab
VIGILADA MINEDUCACIÓN