**Welcome to Data Navigator!**

**Step 1: Getting Required Permissions**

While some permissions can be added by the DN team, others will require submitting a DASH request at <dash.fisglobal.com>.

* DN Access (2 requests)
  + Submit New Request 🡪 EIAM Windows Requests 🡪 Windows Access
    - Group name: mkecdnappdev98\_DnServerShare-C
    - Group name: DataNavigator\_Dev
* VPN Access
  + Submit New Request 🡪 EIAM Employee Requests 🡪 Soft or Hard Token
  + Select VPN and soft token then follow given instructions

**Step 2: Acquiring Software**

Note: Some installations will trigger FIS App Control and will require submitting a ticket to Employee Support. See Step 3 for more details.

The first stop is the FIS Shopping center at <shopping.fnfis.com>, which houses various products that you will need for DN.

* Microsoft Visual Studio Pro
* 7zip
* Cisco AnyConnect
* PuTTY
* WinSCP

You may also select products for your own personal use. Some suggestions include:

* Scooter Beyond Compare
* SourceForge Greenshot
* NotePad++

Some of the required software my be found on DN’s T-Drive, located at [\\vwmazdndvws1902.fisdev.local\F\T-Drive](file:///\\vwmazdndvws1902.fisdev.local\F\T-Drive). Within the Server PC Setup file, you can find all the tools that the team uses. These include:

* IMB Db2
* Oracle SQL Developer
* IBM Rational Rose
* Serena PVCS (though there is a web app)
* Microsoft SQL Server

The T-Drive may not contain recent version of these programs, so you may want to check with a coworker about what version you need.

Additionally, you should download an editor of your choice – VS Code, NotePad++, Atom, etc.

For front end software, you can contact Tim Cincotta about acquiring MyEclipse. You will also need Java 8 and Apache Maven.

**Step 3: App Control**

Sometimes the security measures at FIS can be frustrating, but Employee Support is here to help.

When an application is blocked, visit [support.fis.app/home](https://support.fis.app/home). Select Apps and Software Support 🡪 Software management 🡪 App-Control/software issues 🡪 Create a Ticket and then fill in your information. Someone from IT or Support will contact you within the next day or two (usually) and allow you to install your software.

**Step 4: Server Setup**

Sever setup installations are provided in the folder attached below. Open index.html, select FIS DataNavigator Server, and under Installation, select FIS DataNavigator Server (version) Install on Microsoft Windows : SQL Server.

From here, follow the installation steps. A few replacements are written below:

* Replace all d:/e:/f: drives with c:
* node001 = C:\FIS\SERVER
* dbname = DN1P
* qualify = DN1PCOMN
* custqual = DN1PGOLD
* userid = DNSERVER
* useridas = dnas
* useridcr = dncr
* password = XXXXXXXX

Here are some additional steps or clarifications for the written steps:

* 1) After setting the start mode to automatic, restart all services
* 5) Skip
* 6) edit .txt files
  + edit sitespec.txt
    - change all d:/e:/f: to c:
    - ports = 51000
  + edit custspec.txt
    - after ejx, add:
      * dx 1
      * dxx 1
  + Make sure to follow spacing/alignment of files.
* Before starting step 9
  + Make sure all services are running!
  + Open Microsoft SQL Server Management studio
  + Right click on security : logins
    - Name: dnadmin
    - Password: DNADMIN
* 9) {Database Server} = computer name
* 19-20) Skip

**Step 5: Eclipse Setup**

Please follow the attached document to set up MyEclipse and read below for changes and clarifications.

* 3) DN now uses JDK 1.8
* 7) The repository address now uses https, <https://mkedevsvn99/svn/dnweb>
* 9) Ask a coworker to send you the appropriate JARs (for classpath tab)
* 9) When you change context.xml as instructed, also edit server.xml:   
  change --><Server port="8005" shutdown="SHUTDOWN">  
  to --><Server port="8006" shutdown="SHUTDOWN">
* 10) Editing files
  + DNClientWeb\src\main\resources\dn\application.properties
    - HostIPName={your computer name}
    - HostIPPortNumber=30000
  + DNClientWeb\src\main\resources\databaseConnnection.properties
    - JDBCDriver=net.sourceforge.jtds.jdbc.Driver
    - JDBCURL=jdbc\:jtds\:sqlserver\://localhost\:1433/DN1P
    - DBUser=DNSERVER
    - DBPassword=password
    - DBCommonQualifier=DN1PCOMN
    - DBCustQualifier.GOLD=DN1PGOLD
    - Dialect=org.hibernate.dialect.SQLServerDialect
    - Vendor=MSSQL
    - Encrypted=N