

Configuração do Ambiente Servidor

Downloads

JDK - 8u211

<https://www.oracle.com/java/technologies/javase/javase8u211-later-archive-downloads.html#license-lightbox>

Netbeans 8.2 RC - https://netbeans.org/downloads/8.2/rc/?pagelang=pt_BR

GlassFish 5 - <http://download.oracle.com/glassfish/5.0.1/release/glassfish-5.0.1.zip>

MySQL 8.0.18.0 - <https://dev.mysql.com/downloads/file/?id=497106>

Modelo Fisico Banco de Dados -

<https://drive.google.com/file/d/1kUVrvEM6nUXbBjGo6GL-CnO8saPdjr/view?usp=sharing>

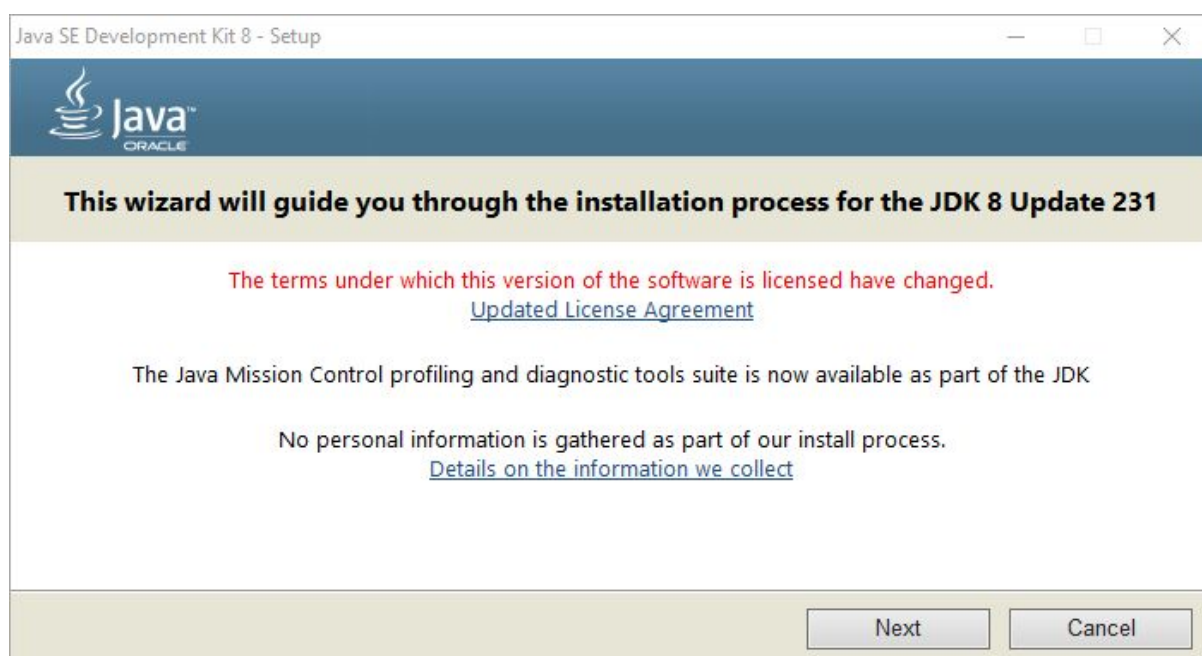
Projeto Java Upmoney -

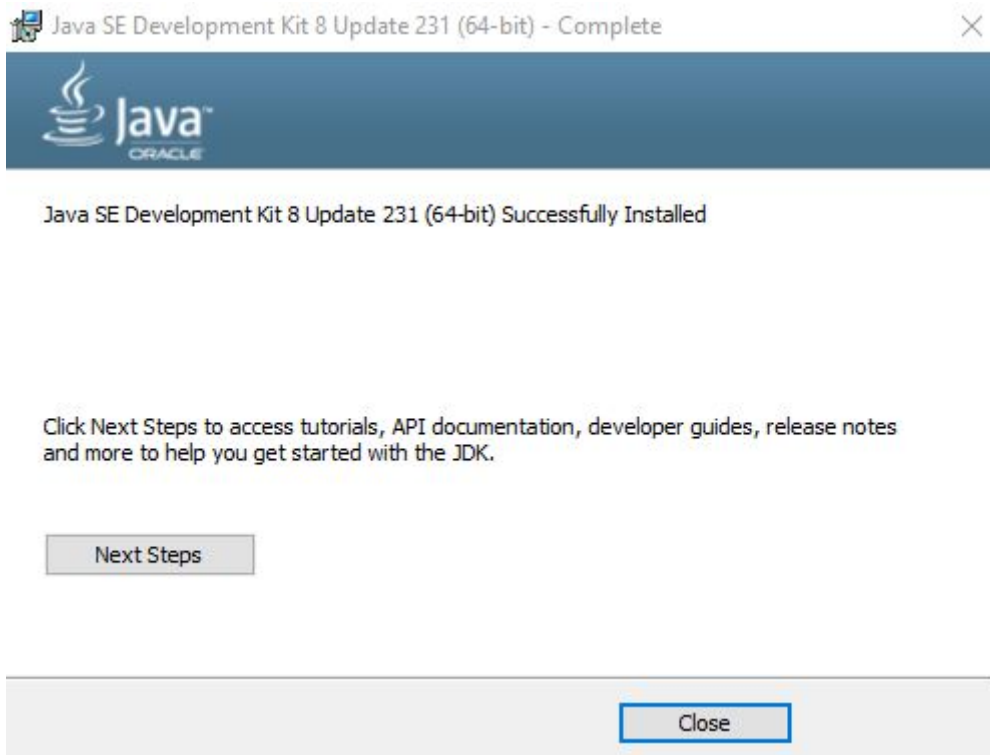
https://drive.google.com/file/d/1sa9h_lkScSPyM1He16iMDmP5ghAgsP1/view?usp=sharing

Instalação - JDK

Inicie o instalador da JDK e siga as instruções de instalação.

A aplicação será instalada por padrão em "C:\Program Files\Java\jdk1.8.0_231";



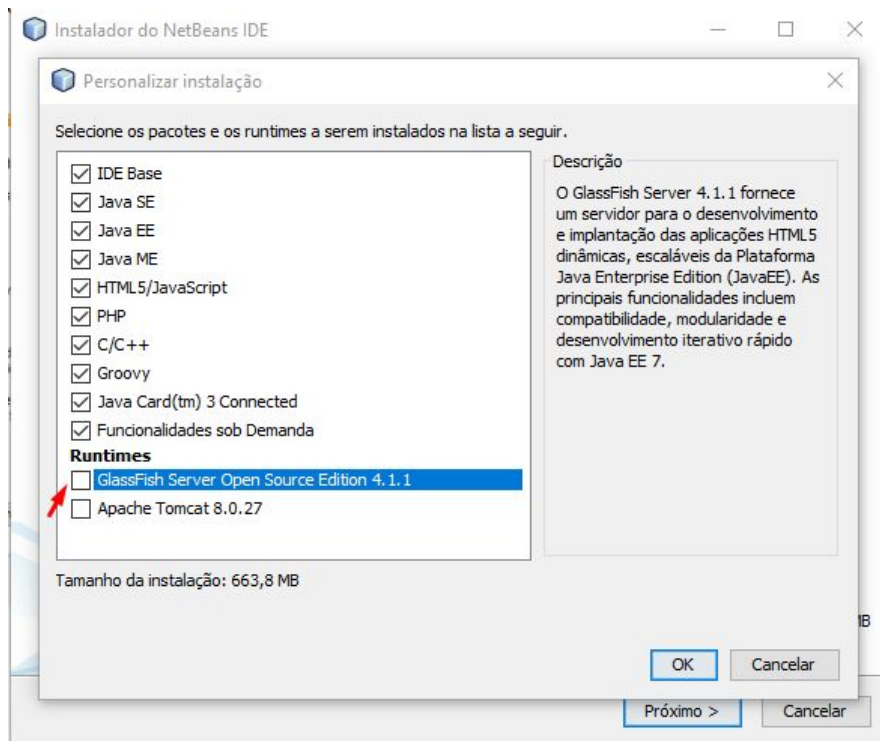


Instalação - NetBeans

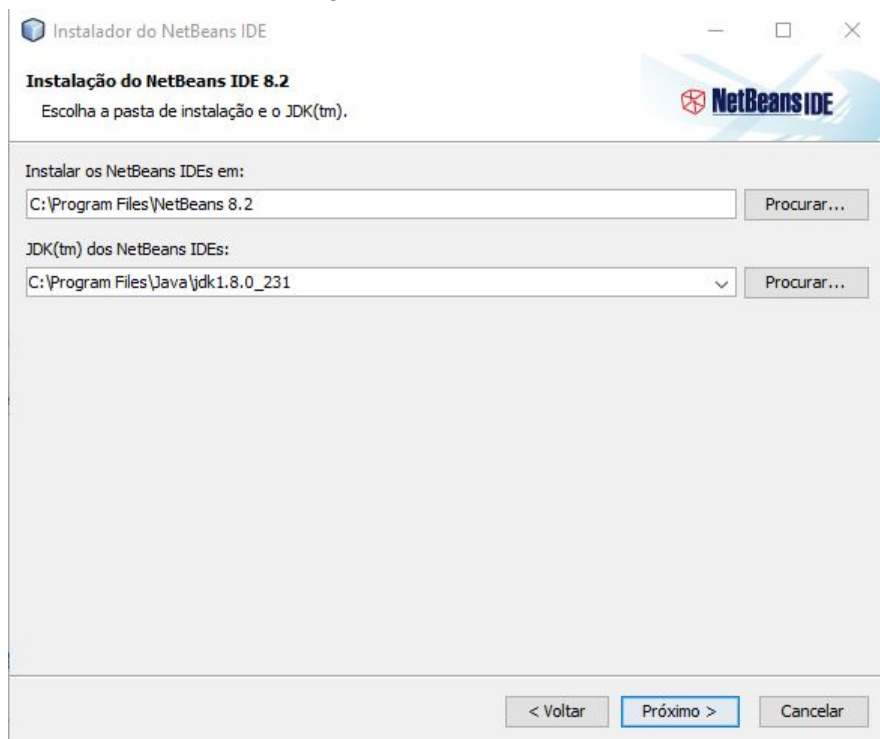
Inicie o instalador do NetBeans “netbeans-8.2-windows.exe”, siga as instruções de instalação;



Desmarque a instalação do GlashFish 4.1, pois utilizaremos a versão 5;



Indique o local de instalação da JDK;



Em caso de dúvidas consultar a documentação da NetBeans em:
https://netbeans.org/community/releases/82/install_pt_BR.html

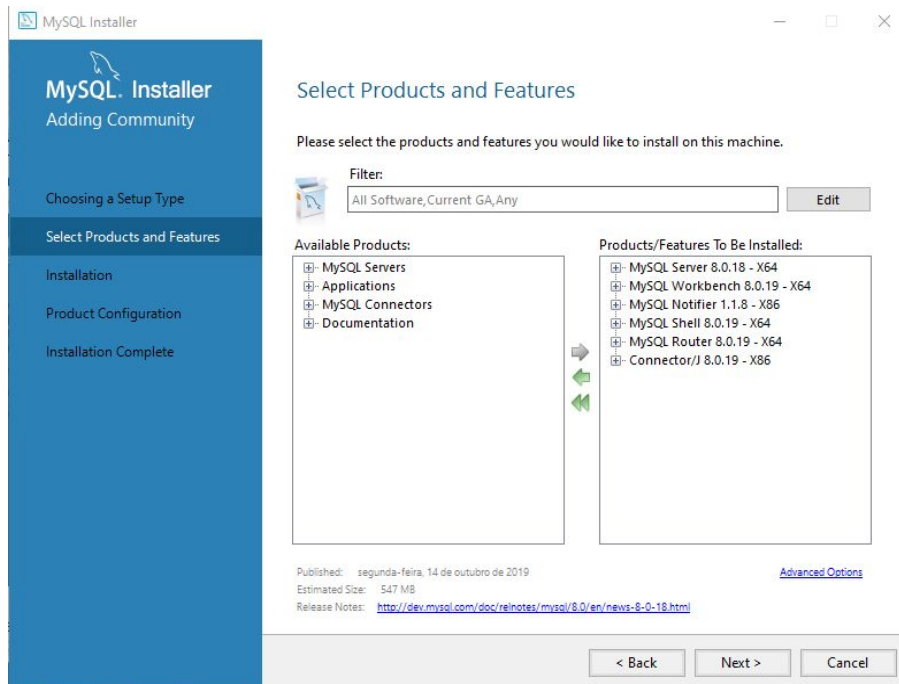
Instalação - GlashFish

Descopacte o “glassfish-5.0.1.zip” e em local/pasta de seu interesse, realizaremos a configuração mais tarde no NetBeans.

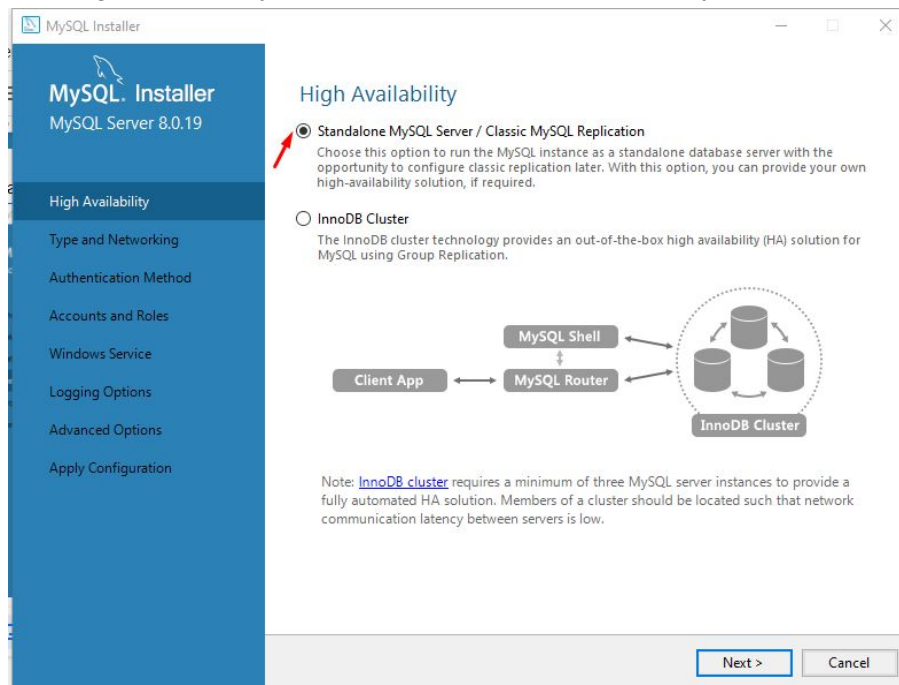
Instalação - MySQL Server

Inicie o instalador do mysql “mysql-installer-web-community-8.0.18.0.msi” e siga as instruções de instalação;

Ao instalar o MySQL os produtos “MySQL Server”, “MySQL Workbench”, “MySQL Nofifier”, “MySQL Shell” e “Connector J” conforme abaixo são recomendados;



Em “High Availability” mantenha como “Standalone MySQL Server...”;



Em “Type and Networking” mantenha conforme imagem abaixo, “TCP/IP”, “Port: 3306” ;

MySQL Installer
MySQL Server 8.0.19

High Availability
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration

Type and Networking

Server Configuration Type
Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.

Config Type: Development Computer

Connectivity
Use the following controls to select how you would like to connect to this server.

☒ TCP/IP Port: 3306 X Protocol Port: 33060
☒ Open Windows Firewall ports for network access
☐ Named Pipe Pipe Name: MYSQL
☐ Shared Memory Memory Name: MYSQL

Advanced Configuration
Select the check box below to get additional configuration pages where you can set advanced and logging options for this server instance.

☐ Show Advanced and Logging Options


< Back Next > Cancel

MySQL Installer
MySQL Server 8.0.18

High Availability
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration

Authentication Method

☒ **Use Strong Password Encryption for Authentication (RECOMMENDED)**
MySQL 8 supports a new authentication based on improved stronger SHA256-based password methods. It is recommended that all new MySQL Server installations use this method going forward.

 Attention: This new authentication plugin on the server side requires new versions of connectors and clients which add support for this new 8.0 default authentication (caching_sha2_password authentication).

Currently MySQL 8.0 Connectors and community drivers which use libmysqlclient 8.0 support this new method. If clients and applications cannot be updated to support this new authentication method, the MySQL 8.0 Server can be configured to use the legacy MySQL Authentication Method below.

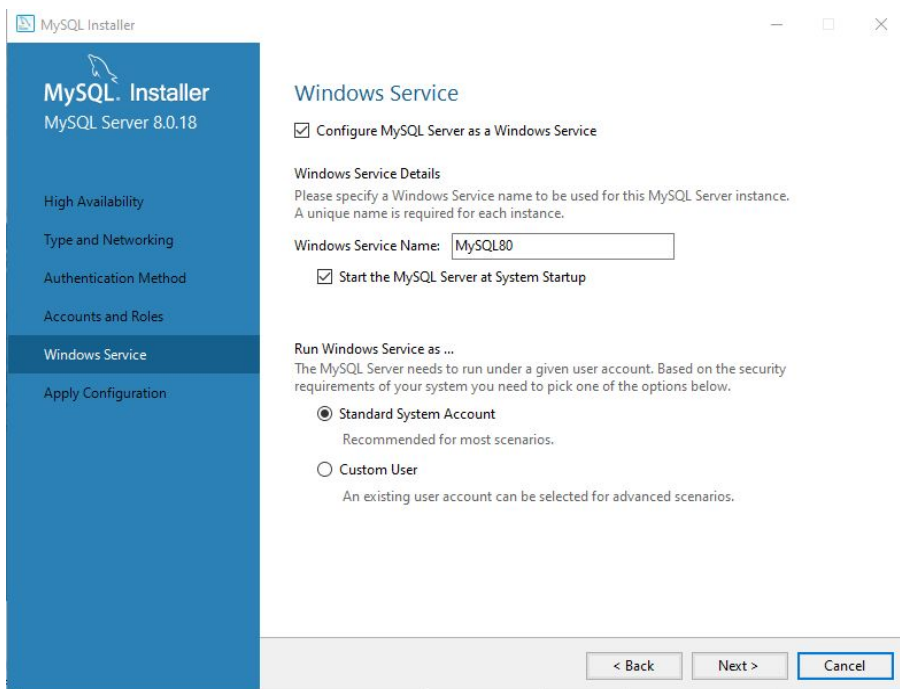
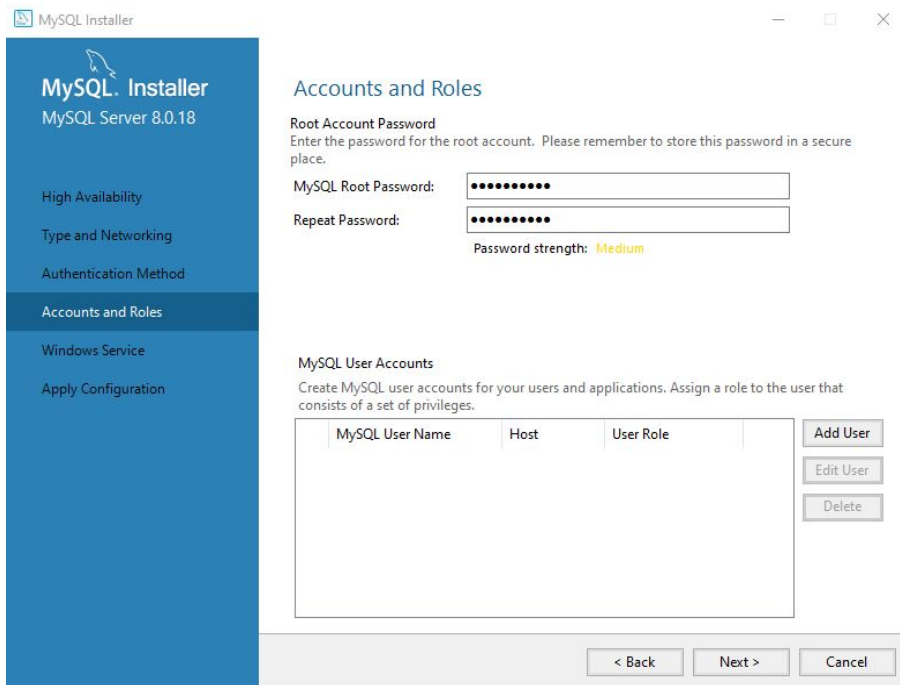
☐ **Use Legacy Authentication Method (Retain MySQL 5.x Compatibility)**
Using the old MySQL 5.x legacy authentication method should only be considered in the following cases:

- If applications cannot be updated to use MySQL 8 enabled Connectors and drivers.
- For cases where re-compilation of an existing application is not feasible.
- An updated, language specific connector or driver is not yet available.

Security Guidance: When possible, we highly recommend taking needed steps towards upgrading your applications, libraries, and database servers to the new stronger authentication. This new method will significantly improve your security.

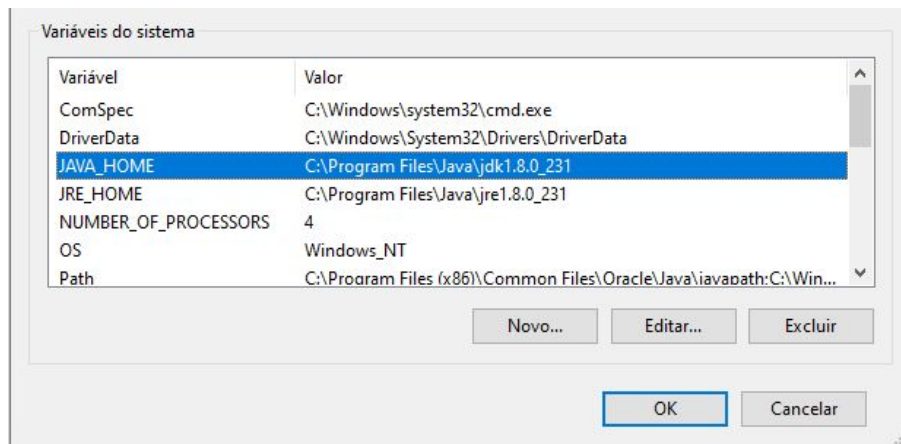
< Back Next > Cancel

Defina a senha do usuário root e adicione novos usuários caso necessário;



Configuração - JAVA_HOME

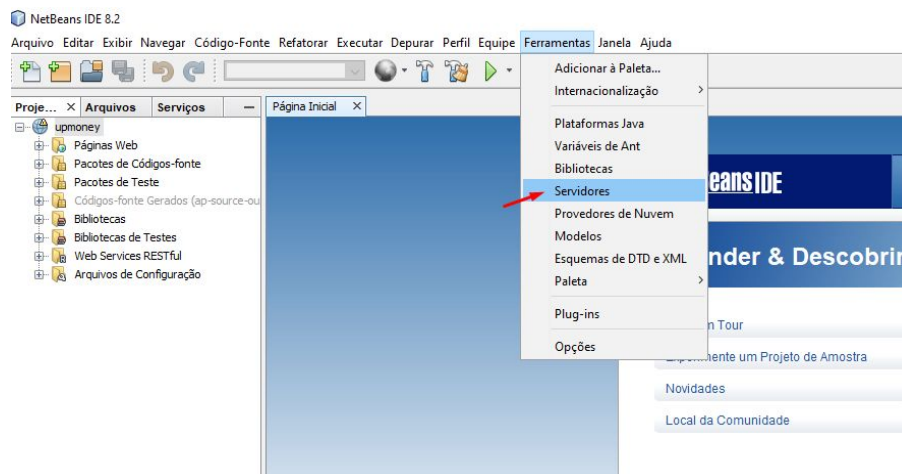
Configure a variável de ambiente JAVA_HOME indicando a pasta de instalação da JDK, conforme imagem abaixo;



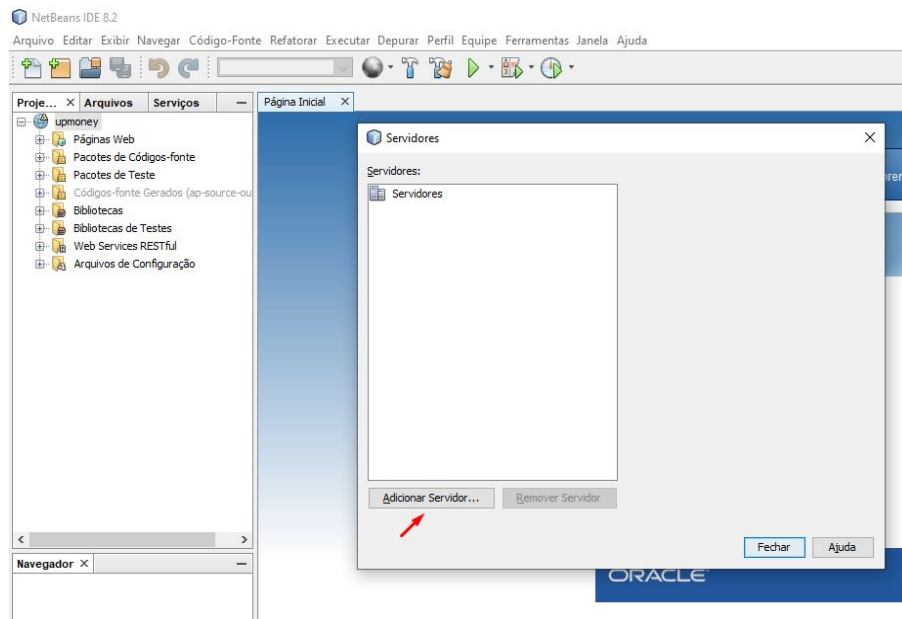
Configuração - GlashFish no NetBeans

Descompacte o projeto Java Upmoney na pasta de Projetos do NetBeans nos seus documentos, C:\...\Documents\NetBeansProjects.

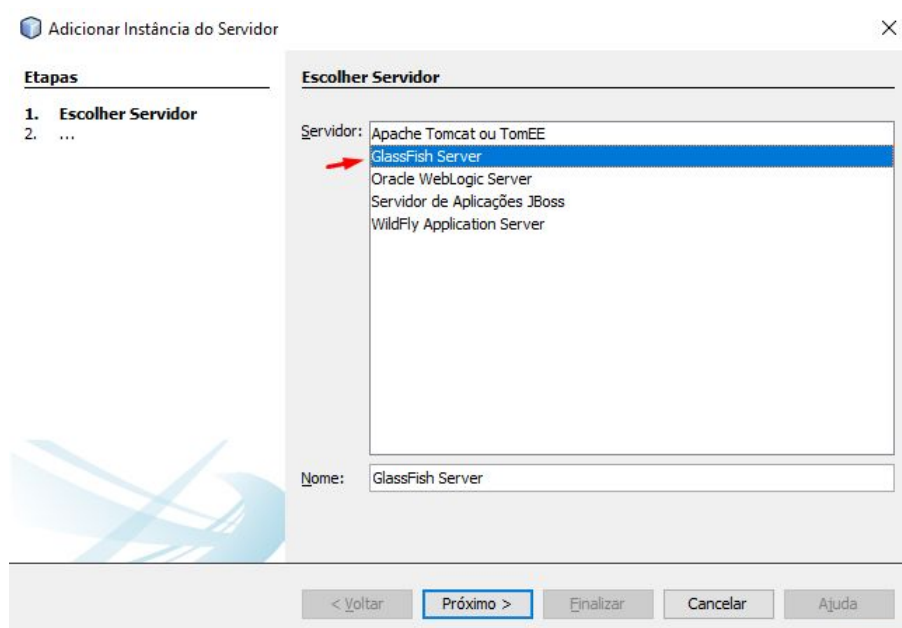
Inicie o NetBeans, vá até a opção “Abrir Projeto” e localize o projeto upmoney.



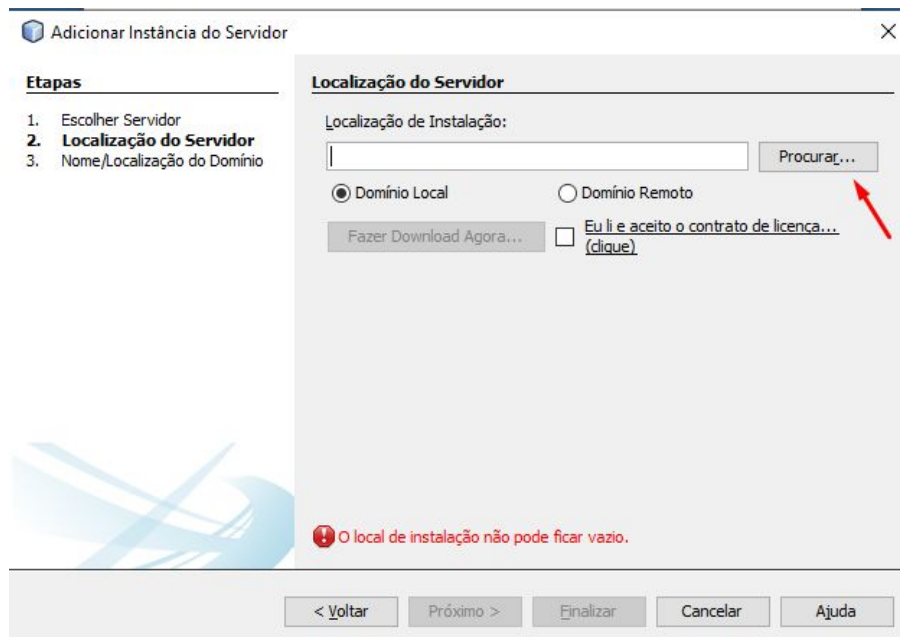
Clique em “Adicionar Servidor”;



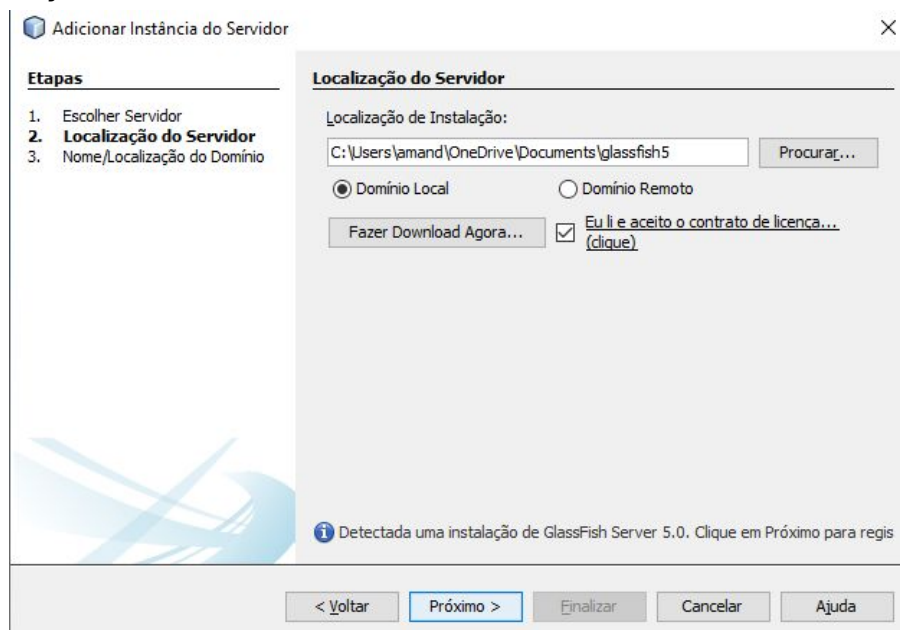
Selecione “GlashFish Server”;



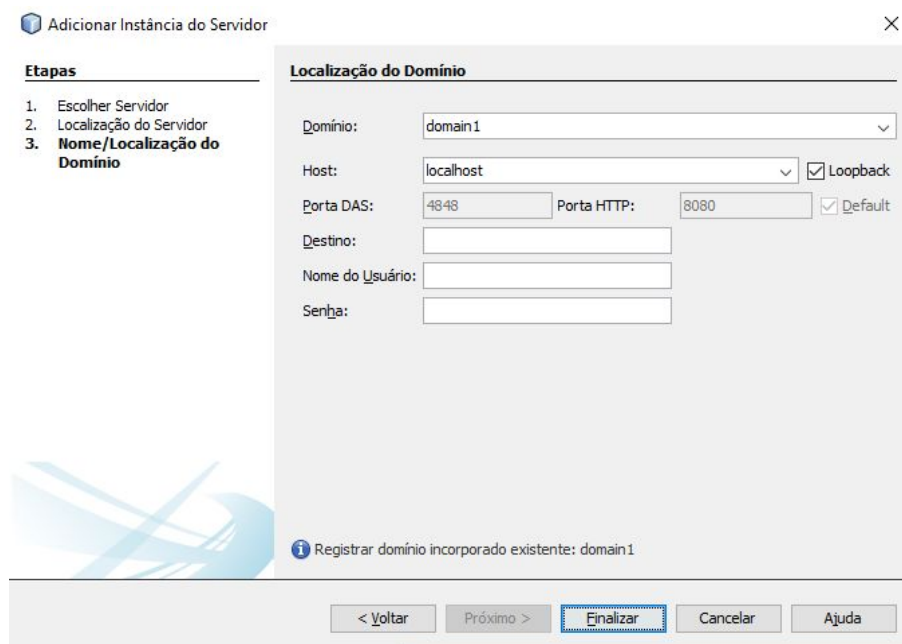
Clique e “Procurar”;



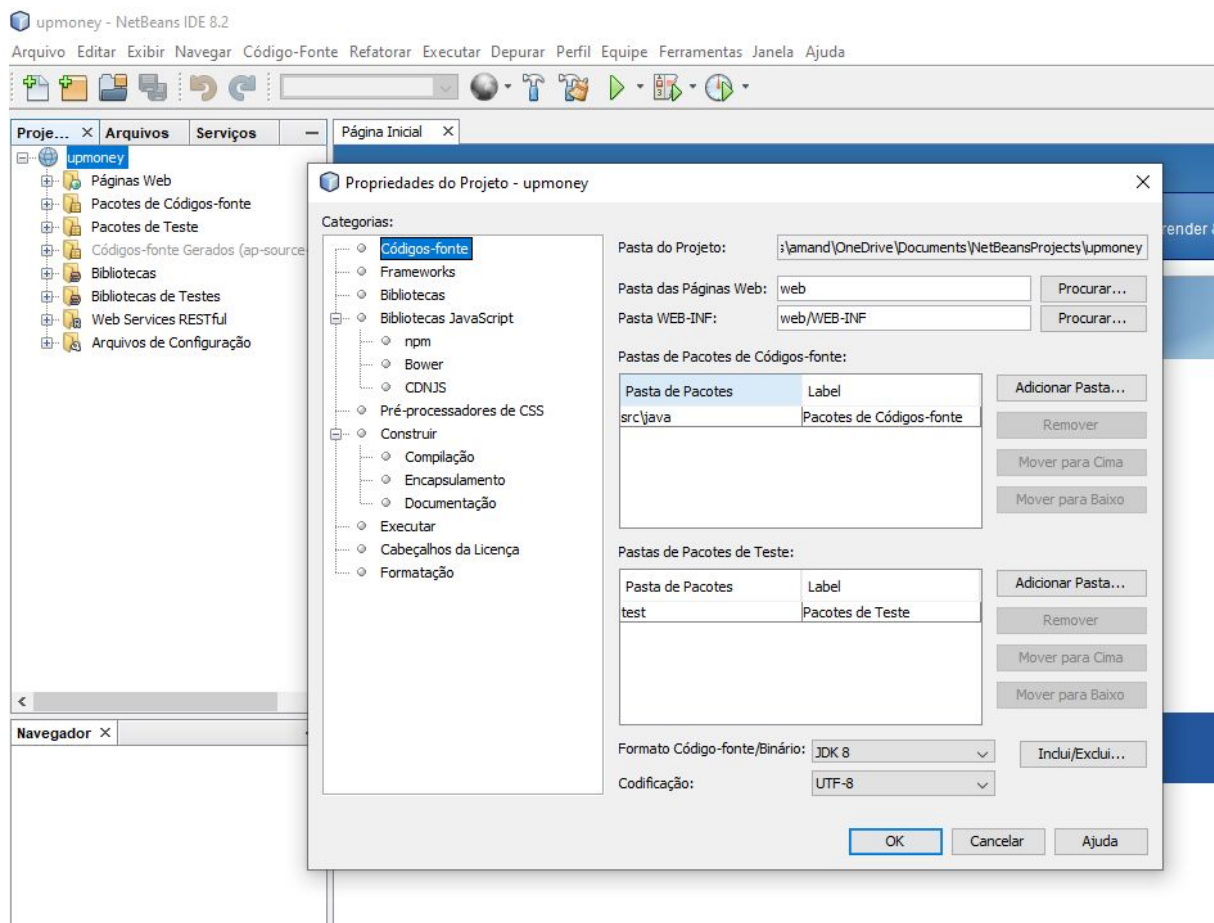
Localize a pasta que descompactada do GlashFish 5, aceite os termos e prossiga co a adição do servidor;



Por padrão o servidor estará rodando na porta 8080;



Vá até as “Propriedades do Projeto” e defina o GlashFish como servidor do projeto:



Configuração - Execução do Modelo Físico

Após o download do arquivo “modeloFisico.sql”, abra o MySQL Workbench ou ferramenta de preferência, adicione a conexão localhost:3306, onde se encontre o MySQL e execute o script SQL para criação do banco de dados.

Configuração - Integração entre App e Servidor

É indicado que as duas aplicações estejam rodando na mesma rede interna, assim evitando a necessidade de realizar as configurações de redirecionamento de portas no modem.

Caso as aplicações estejam na mesma rede, identifique o IP do servidor rodando o comando “ipconfig” no prompt de comando, com esta informação configure o patch principal de requisições no App.