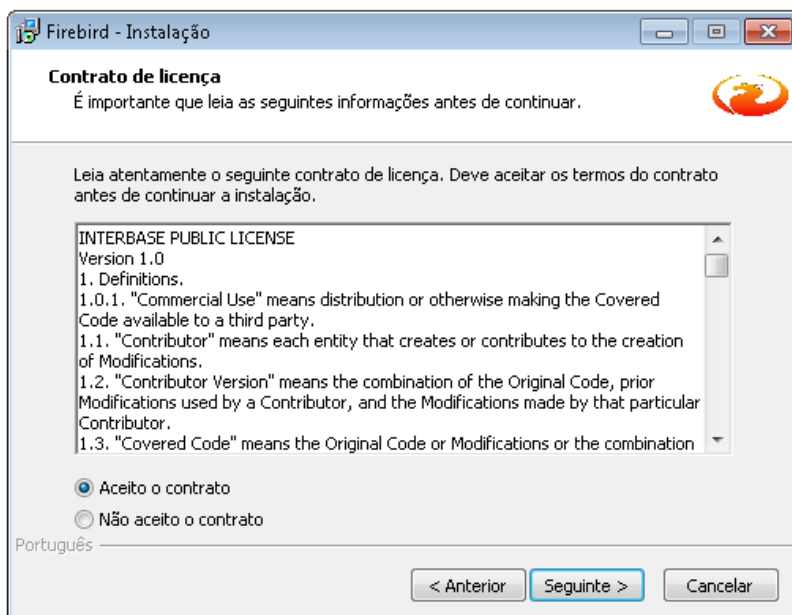
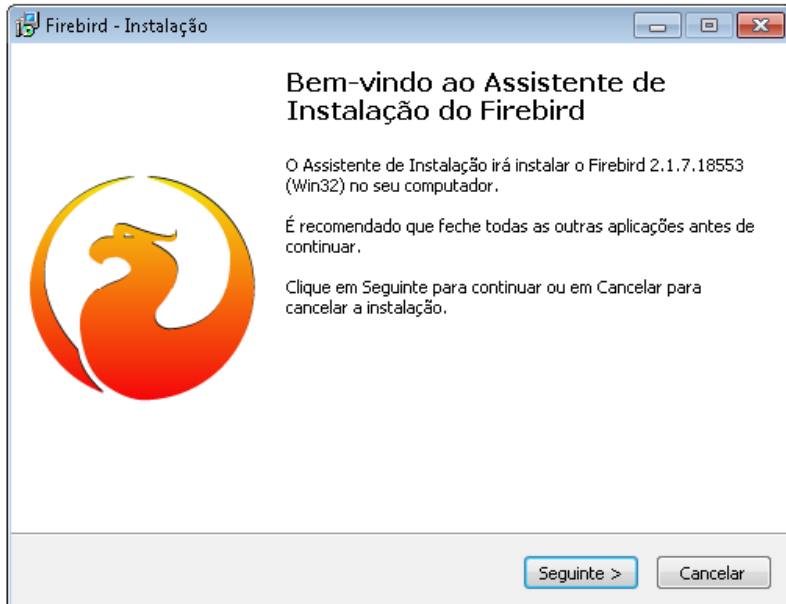
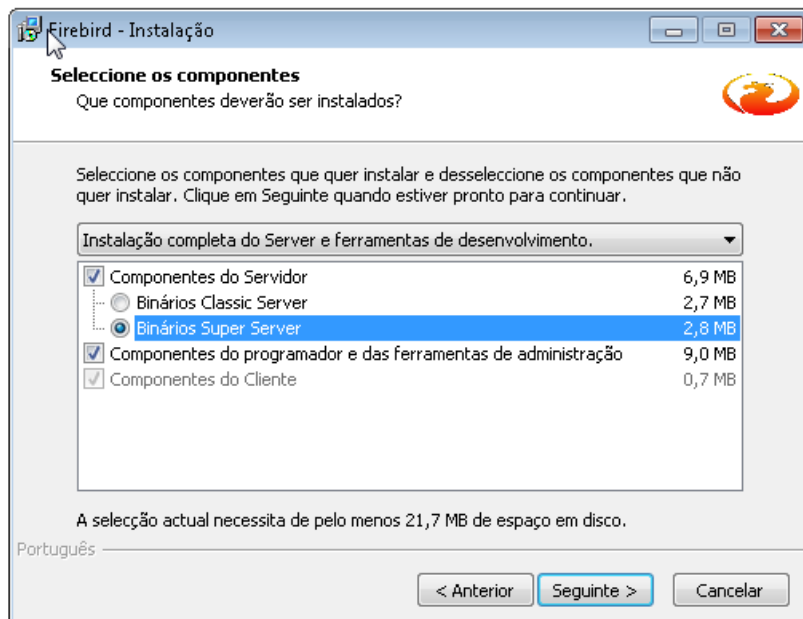
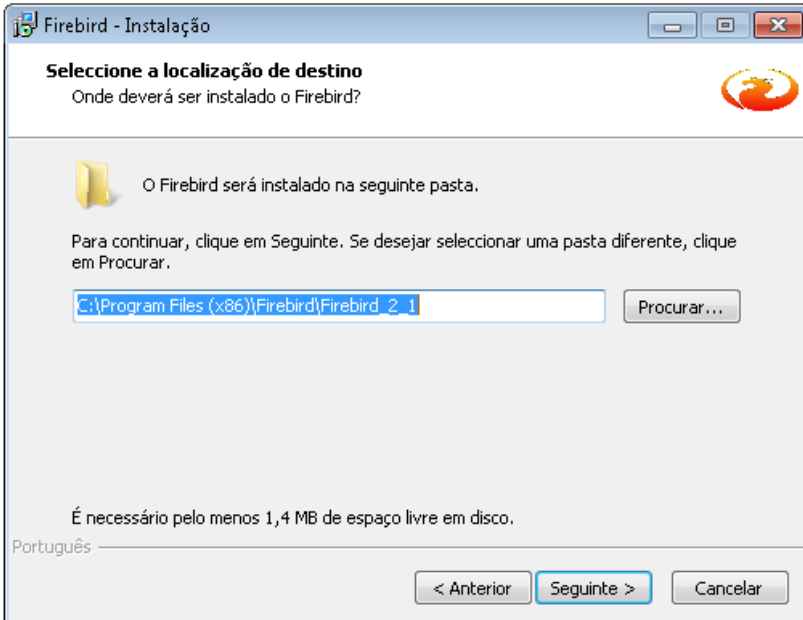
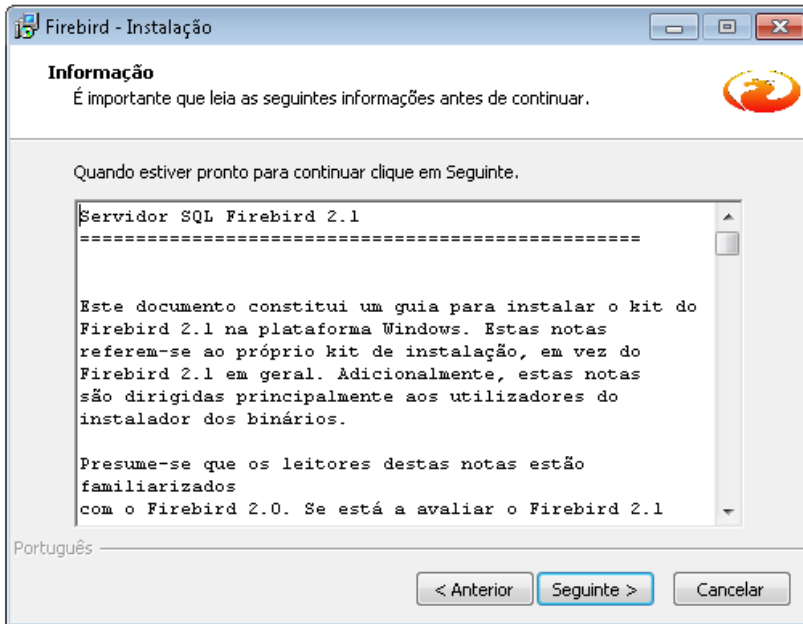


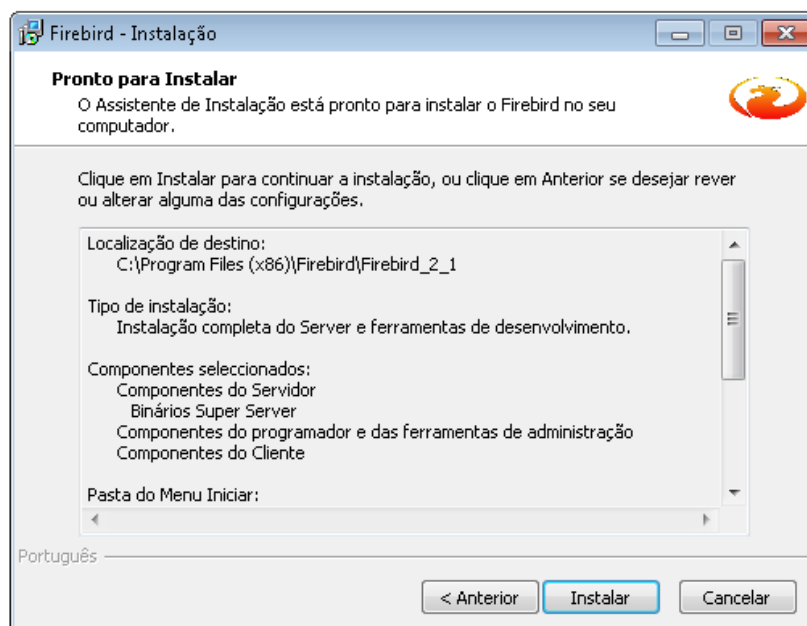
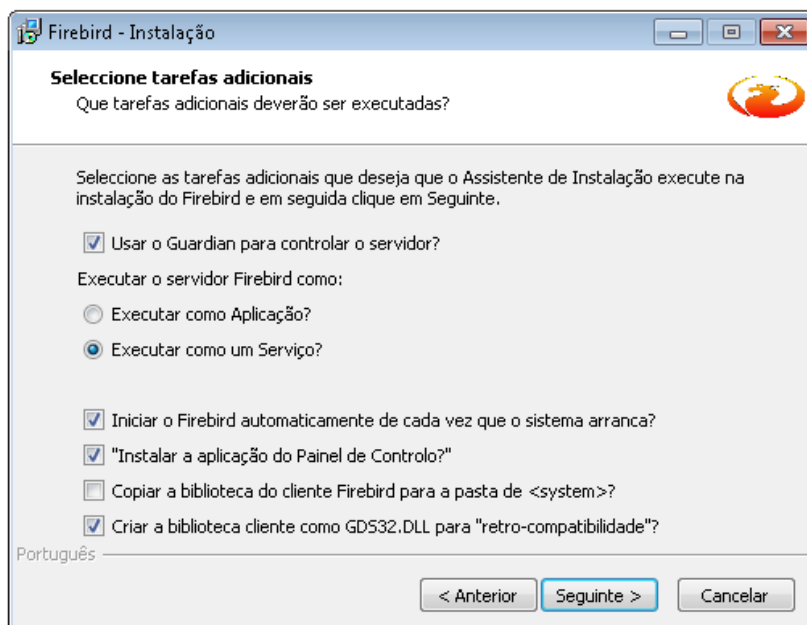
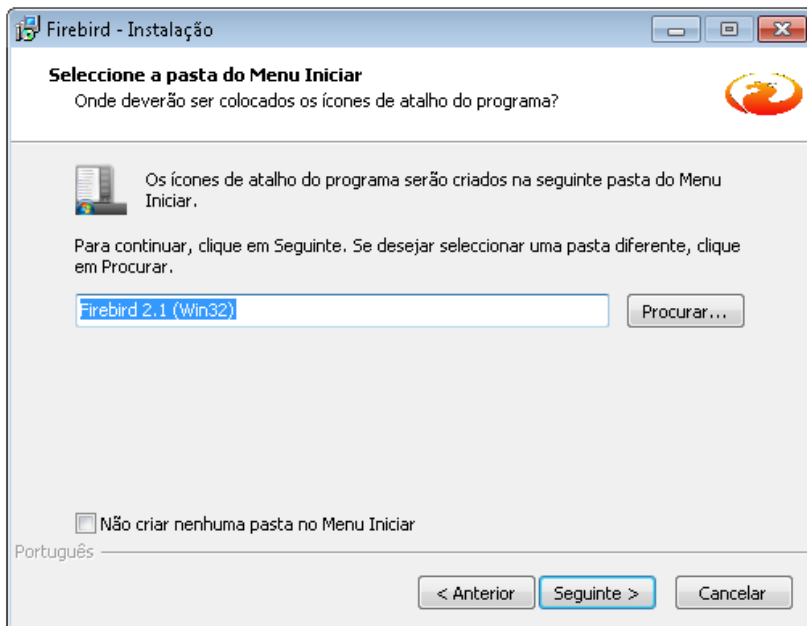
## Instalando o Firebird 2.1 x32 e 2.5 x64 na mesma máquina

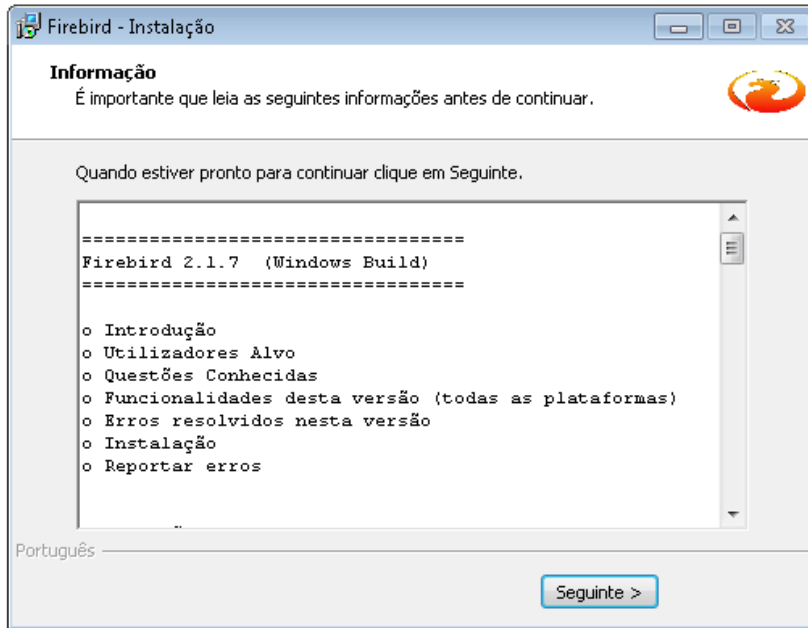
### 1.Instalação.

Instale o Firebird 2.1;

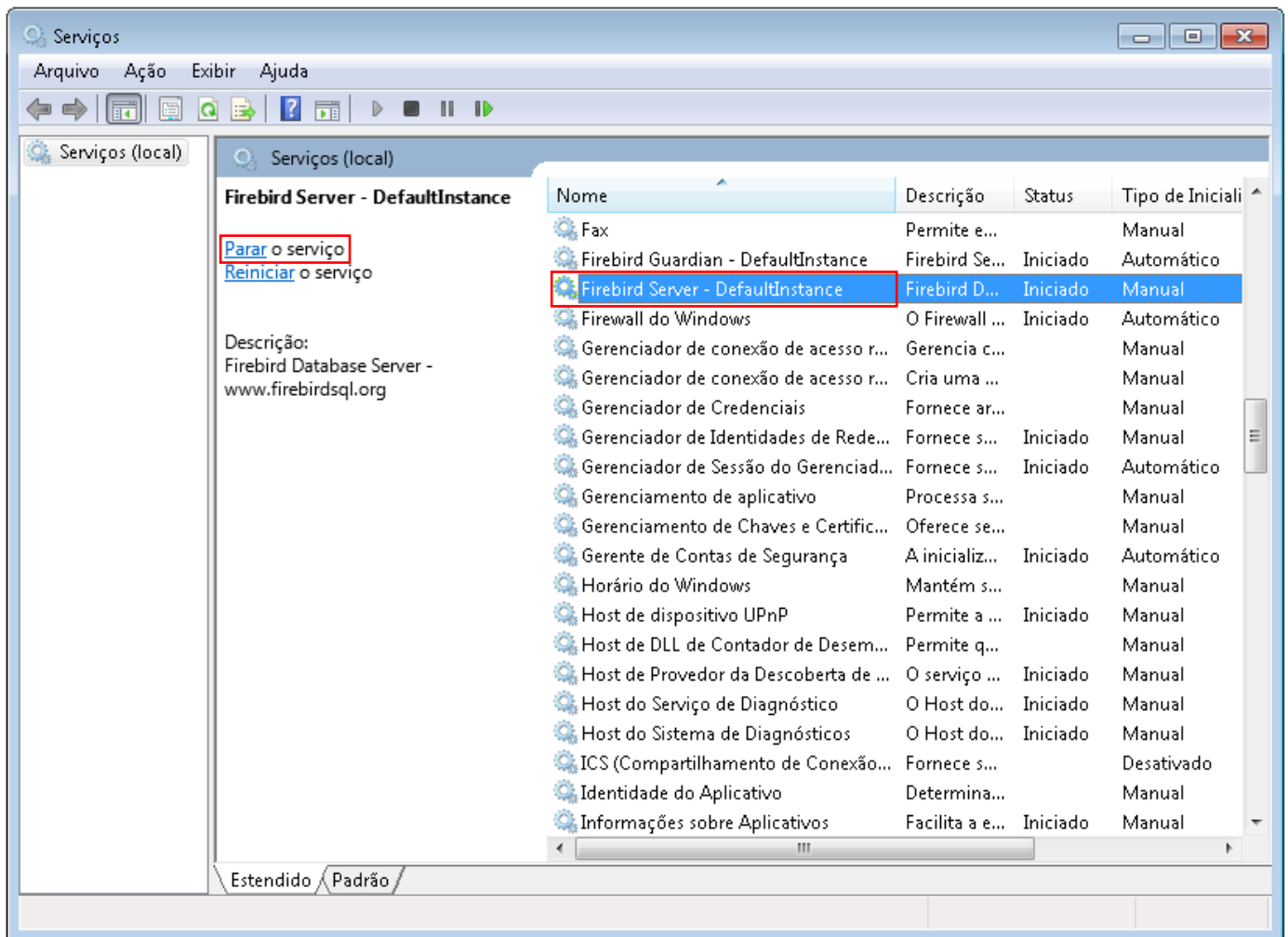




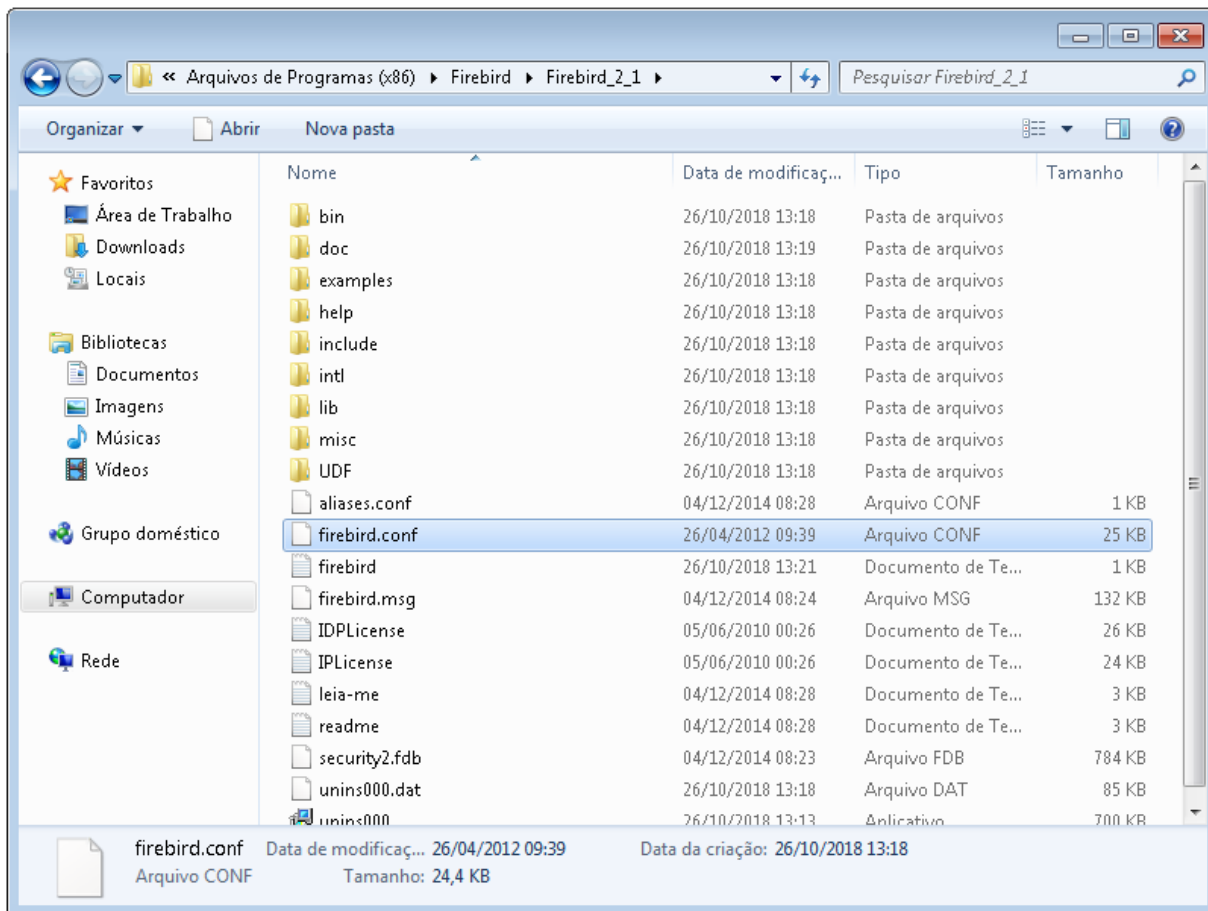




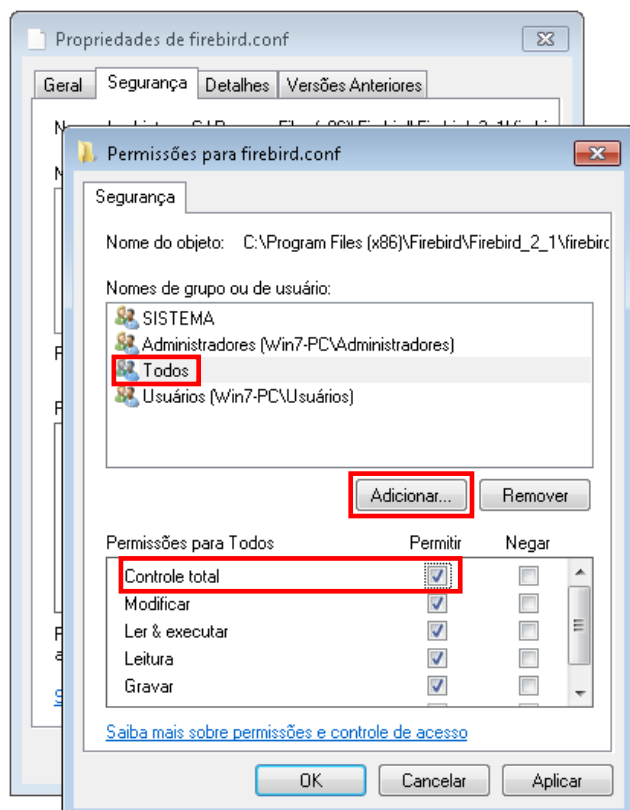
Pare o serviço do Firebird 2.1;



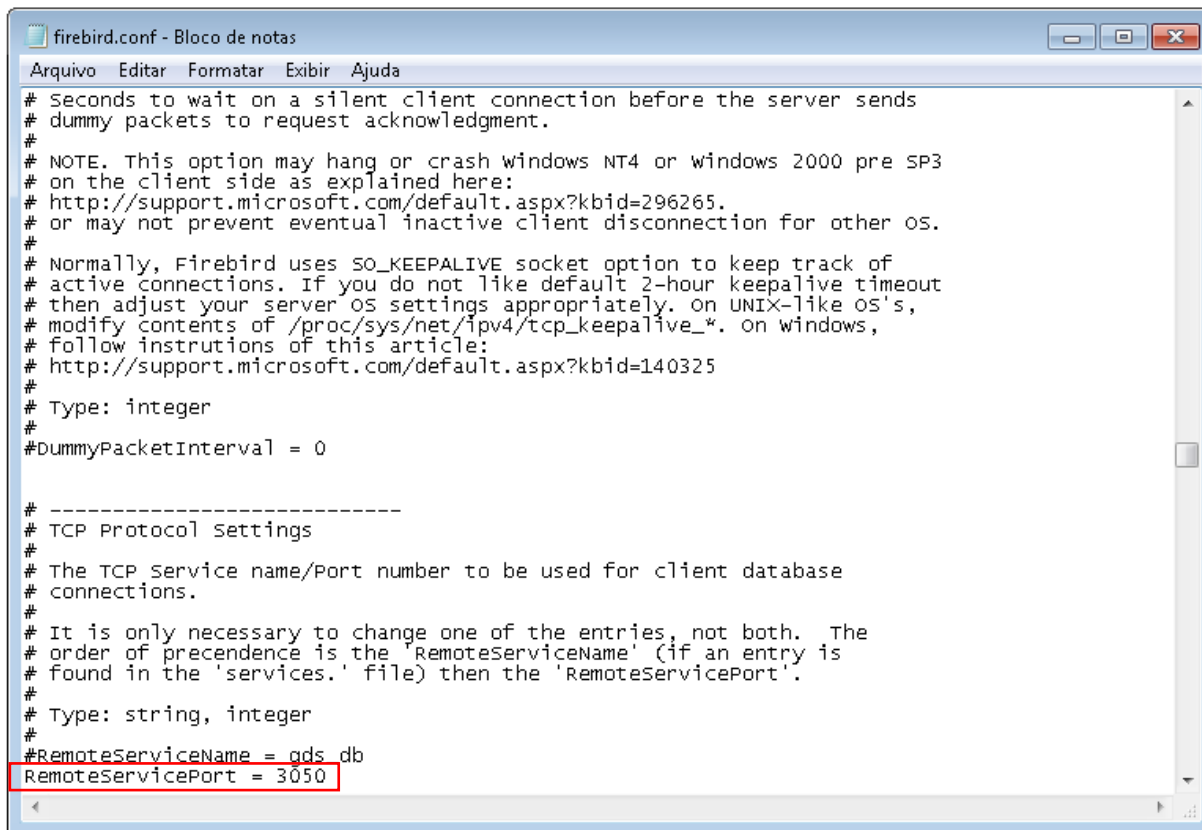
Vá até a pasta de instalação do Firebird 2.1 por padrão é “C:\Program Files (x86)\Firebird\Firebird\_2\_1”;



Entre nas propriedades do arquivo “firebird.conf” na aba Segurança clique em Editar na próxima tela clique em “Adicionar” e coloque “todos” de ok e marque a opção “Controle total”;



Depois abra o arquivo “firebird.conf” om o Bloco de Notas;



```
firebird.conf - Bloco de notas
Arquivo  Editar  Formatar  Exibir  Ajuda
# Seconds to wait on a silent client connection before the server sends
# dummy packets to request acknowledgment.
#
# NOTE. This option may hang or crash windows NT4 or windows 2000 pre SP3
# on the client side as explained here:
# http://support.microsoft.com/default.aspx?kbid=296265.
# or may not prevent eventual inactive client disconnection for other OS.
#
# Normally, Firebird uses SO_KEEPALIVE socket option to keep track of
# active connections. If you do not like default 2-hour keepalive timeout
# then adjust your server OS settings appropriately. on UNIX-like OS's,
# modify contents of /proc/sys/net/ipv4/tcp_keepalive_*. on windows,
# follow instructions of this article:
# http://support.microsoft.com/default.aspx?kbid=140325
#
# Type: integer
#
#DummyPacketInterval = 0

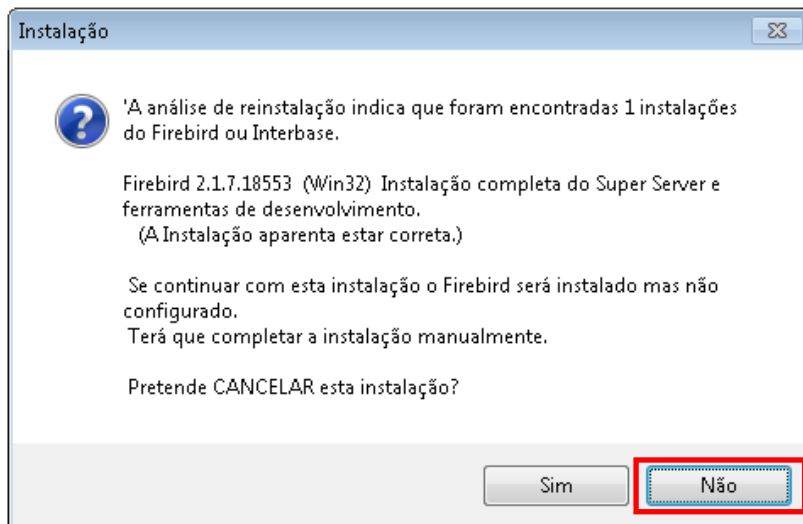
# -----
# TCP Protocol Settings
#
# The TCP Service name/Port number to be used for client database
# connections.
#
# It is only necessary to change one of the entries, not both. The
# order of precedence is the 'RemoteServiceName' (if an entry is
# found in the 'services.' file) then the 'RemoteServicePort'.
#
# Type: string, integer
#
#RemoteServiceName = gds_db
RemoteServicePort = 3050
```

Remova o # da linha “**#RemoteServicePorte = 3050**” ficando assim “ **RemoteServicePorte = 3050**”

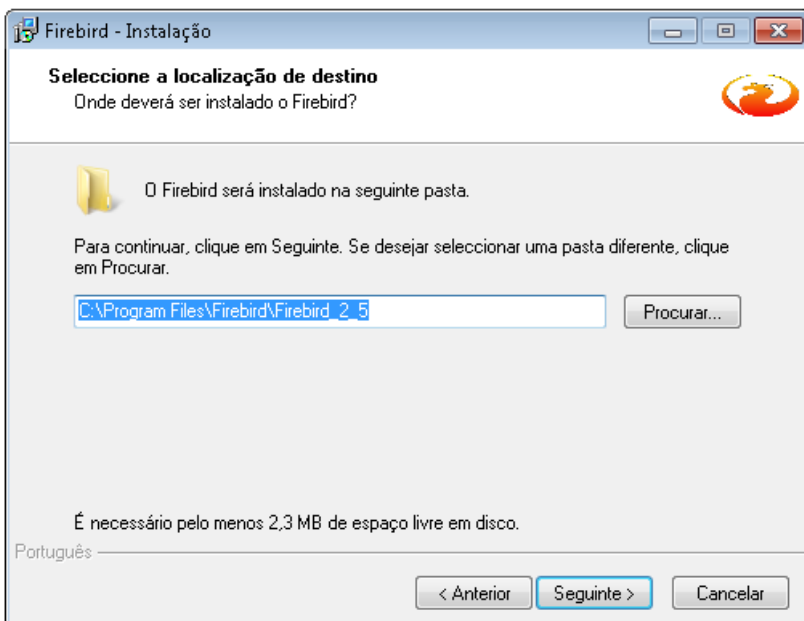
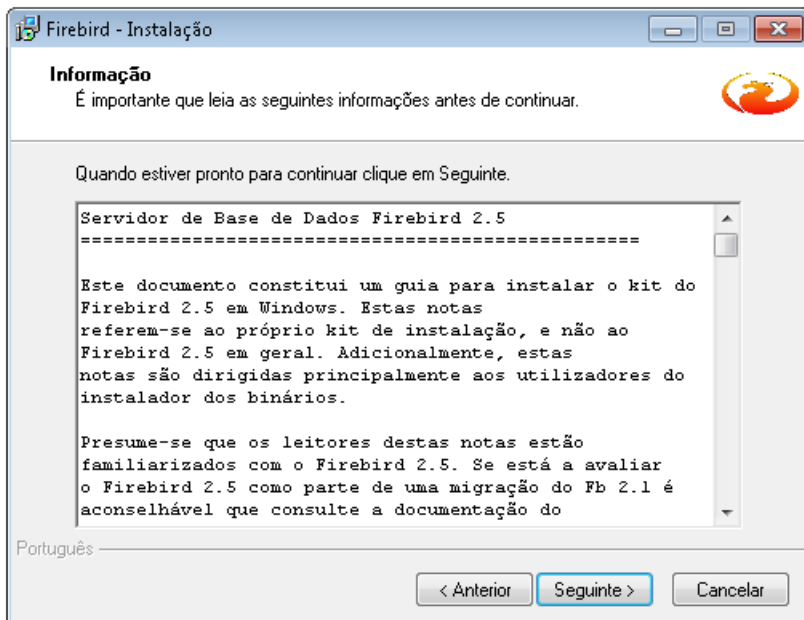
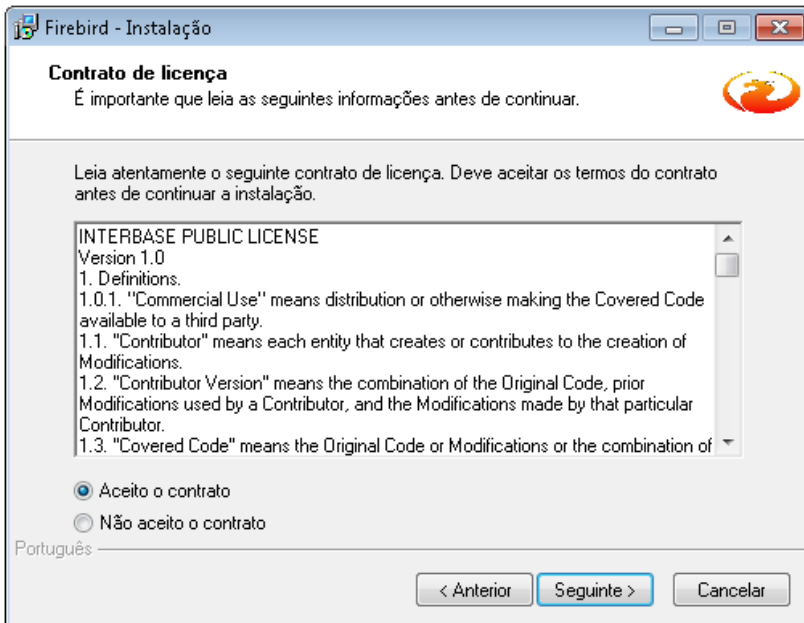
Salve o arquivo.

## 2. Instale o Firebird 2.5

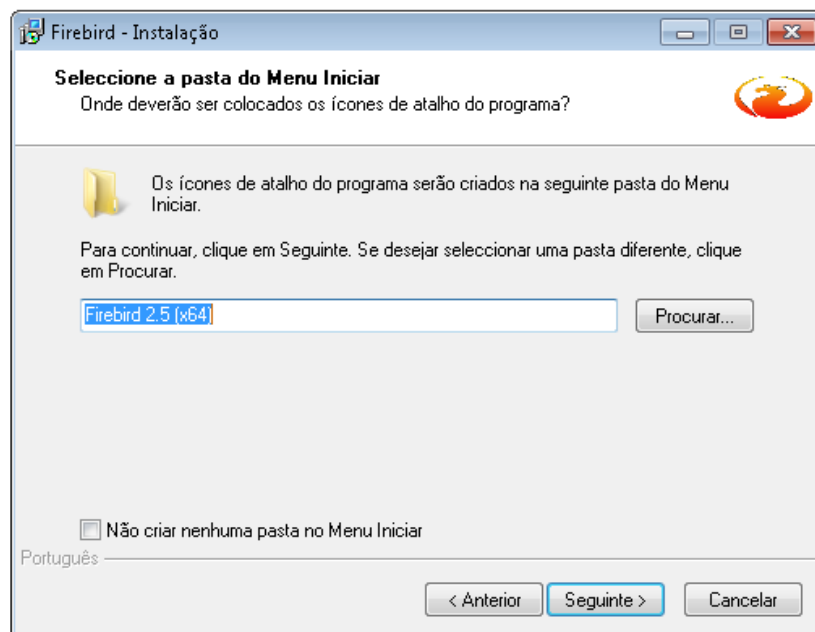
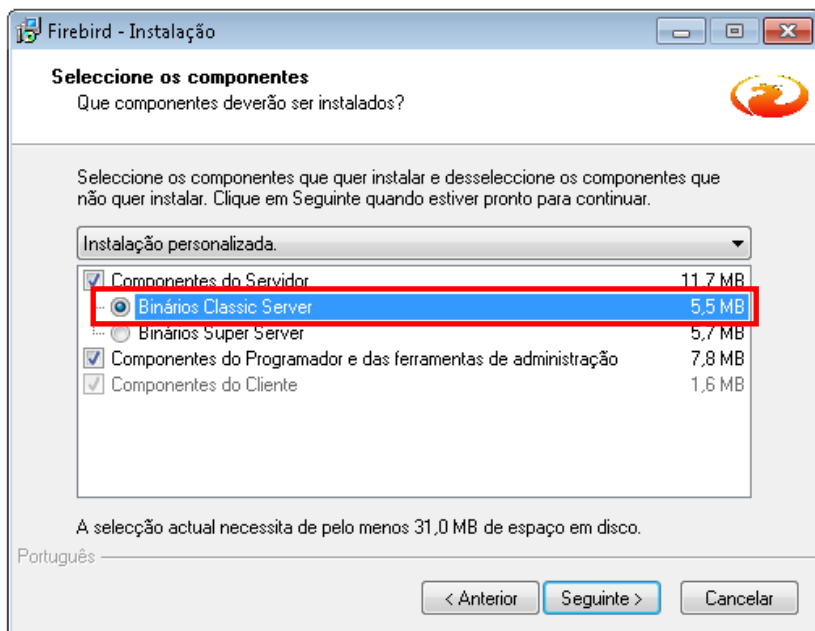
Durante o processo de instalação do Firebird 2.5, o instalador detectará que já existe uma versão do banco de dados instalada na máquina, e exibirá uma mensagem perguntando se você realmente deseja instalar outra versão – clique em NÃO. Os arquivos serão copiados para o sistema operacional, porém o Firebird não será configurado/instalado, esta etapa deverá ser feita manualmente;

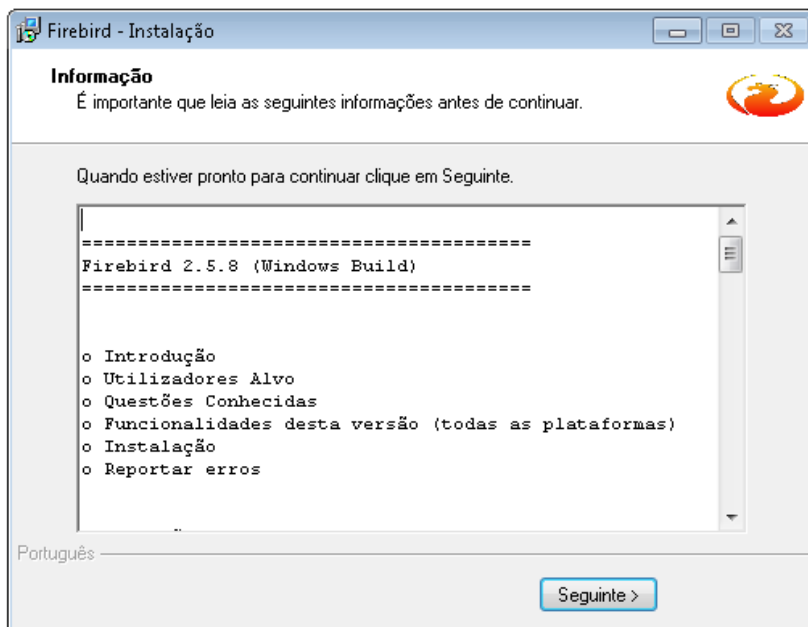
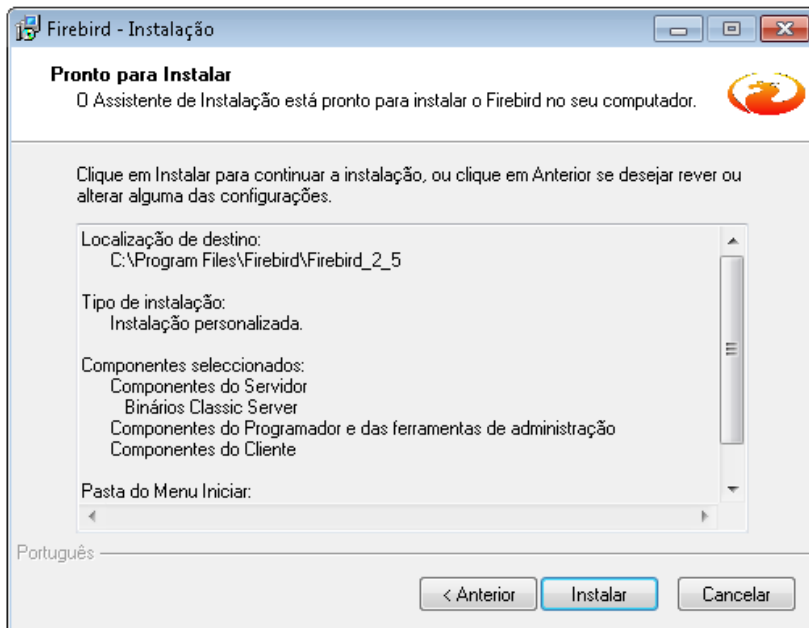




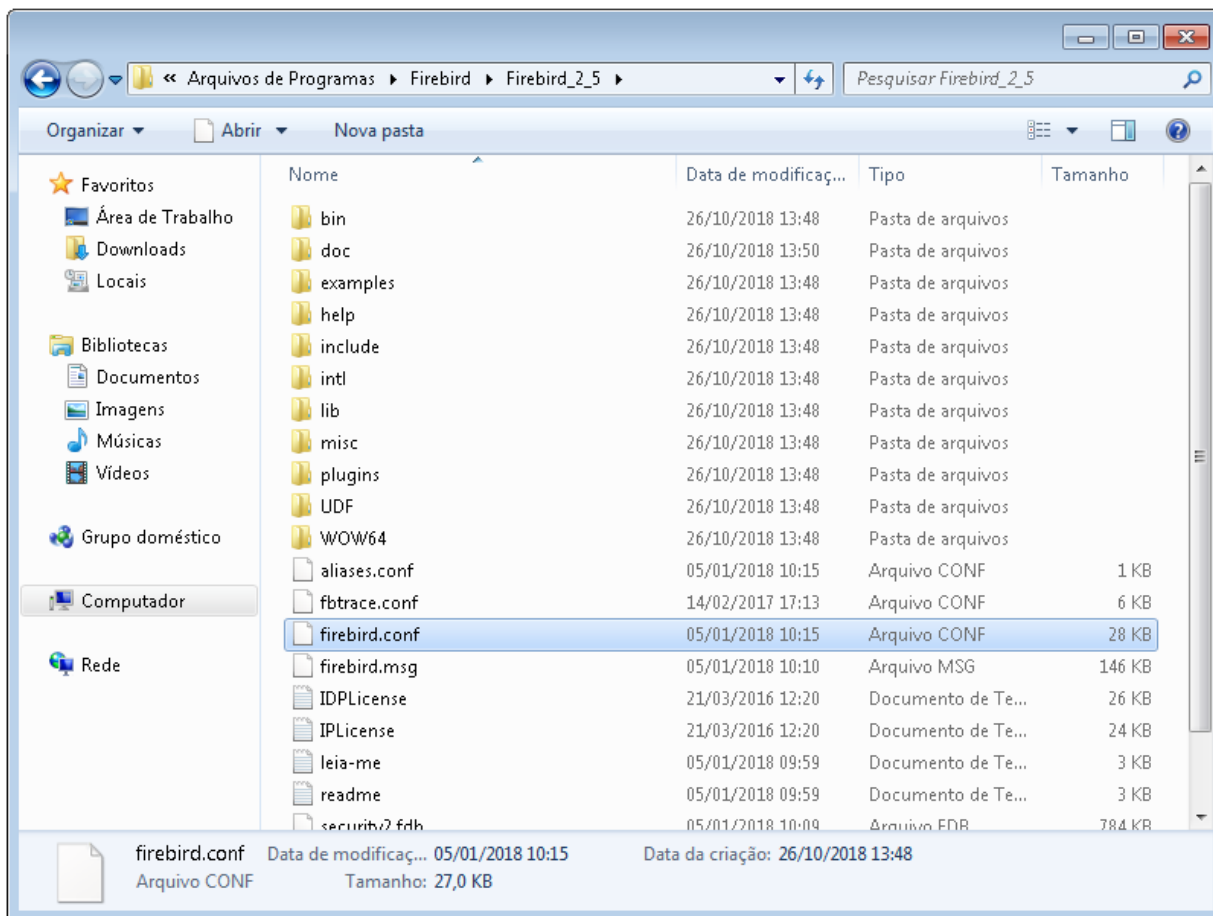


ATENÇÃO SELECIONAR A OPÇÃO “BINÁRIOS CLASSIC SERVER;

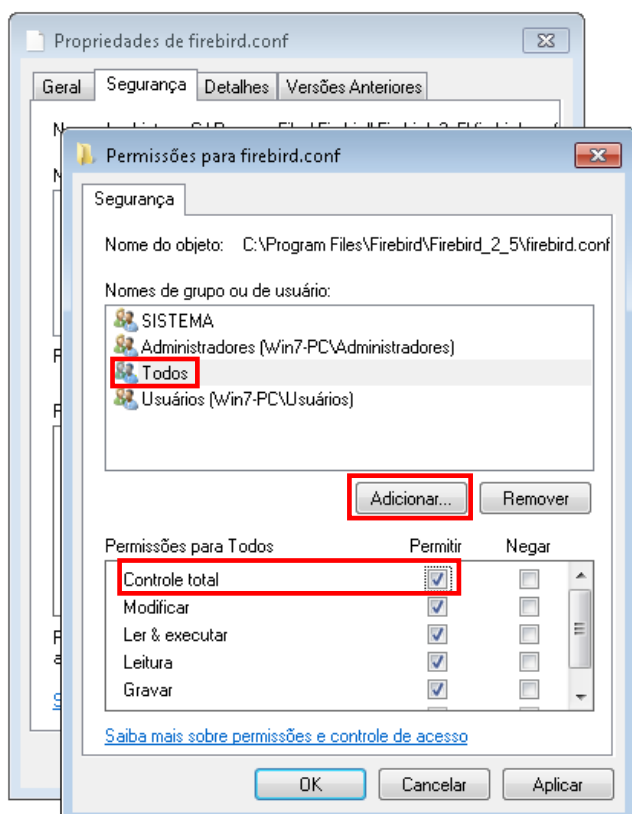




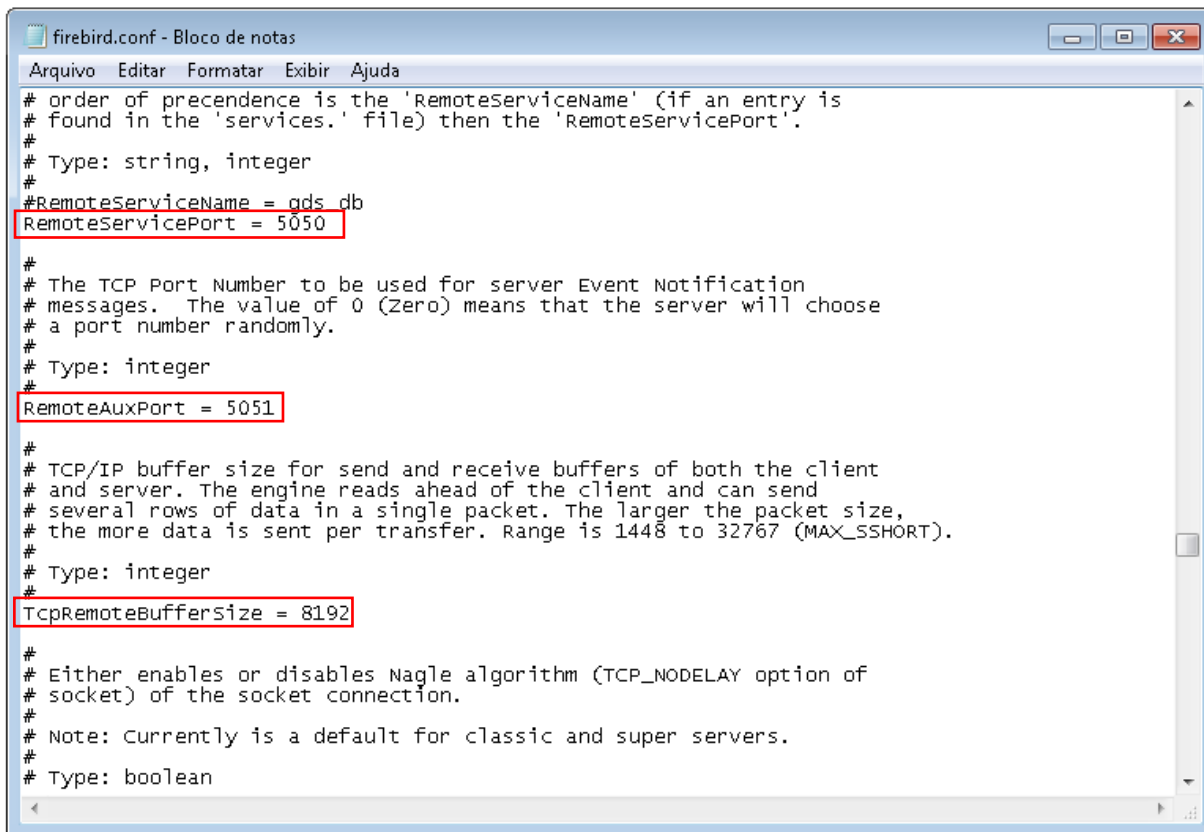
Vá até a pasta de instalação do Firebird 2.5 por padrão é “C:\Program Files\Firebird\Firebird\_2\_5”;



Entre nas propriedades do arquivo “firebird.conf” na aba Segurança clique em Editar na próxima tela clique em “Adicionar” e coloque “todos” de ok e marque a opção “Controle total”;



Depois abra o arquivo “firebird.conf” om o Bloco de Notas;



```
firebird.conf - Bloco de notas
Arquivo  Editar  Formatar  Exibir  Ajuda
# order of precedence is the 'RemoteServiceName' (if an entry is
# found in the 'services.' file) then the 'RemoteServicePort'.
#
# Type: string, integer
#
#RemoteServiceName = gds_db
RemoteServicePort = 5050
#
# The TCP Port Number to be used for server Event Notification
# messages. The value of 0 (Zero) means that the server will choose
# a port number randomly.
#
# Type: integer
#
RemoteAuxPort = 5051
#
# TCP/IP buffer size for send and receive buffers of both the client
# and server. The engine reads ahead of the client and can send
# several rows of data in a single packet. The larger the packet size,
# the more data is sent per transfer. Range is 1448 to 32767 (MAX_SSHORT).
#
# Type: integer
#
TcpRemoteBufferSize = 8192
#
# Either enables or disables Nagle algorithm (TCP_NODELAY option of
# socket) of the socket connection.
#
# Note: Currently is a default for classic and super servers.
#
# Type: boolean
```

Mude as seguintes linhas

Remova o # da linha “**#RemoteServicePorte = 3050**” e mude a porta para **5050** ficando assim “**RemoteServicePorte = 5050**”

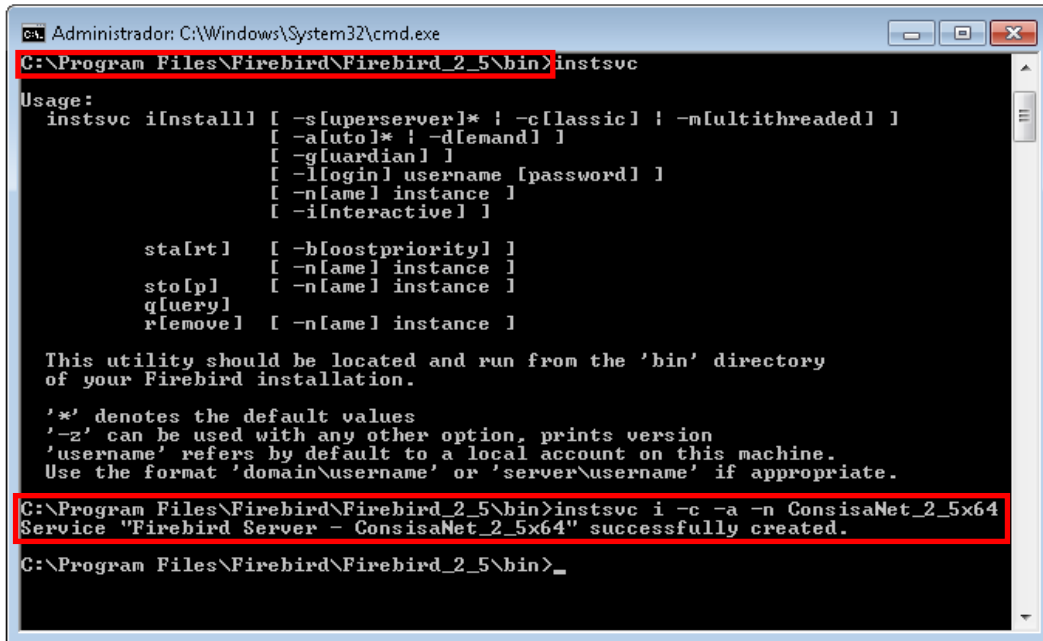
Remova o # da linha “**#RemoteAuxPort = 0**” e coloque a porta **5051** ficando assim “**RemoteAuxPort = 5051**”

Remova o # da linha “**#TcpRemoteBufferSize = 8192**” ficando assim “**TcpRemoteBufferSize = 8192**”

Salve o arquivo.

Abra o CMD como administrador, navegue até a pasta BIN do firebird por padrão é  
“C:\Program Files\Firebird\Firebird\_2\_5\bin”

Para criar o SERVIÇO do Firebird digite **instsvc i -c -a -n ConsisaNet\_2\_5x64**



```
Administrador: C:\Windows\System32\cmd.exe
C:\Program Files\Firebird\Firebird_2_5\bin>instsvc

Usage:
  instsvc i[install] [ -s[uperserver]* ! -c[classic] ! -m[multithreaded] ]
                [ -a[auto]* ! -d[demand] ]
                [ -g[guardian] ]
                [ -l[login] username [password] ]
                [ -n[name] instance ]
                [ -i[interactive] ]

  start] [ -b[bootpriority] ]
                [ -n[name] instance ]
  stop] [ -n[name] instance ]
  query] [ -n[name] instance ]
  remove] [ -n[name] instance ]

This utility should be located and run from the 'bin' directory
of your Firebird installation.

'*' denotes the default values
'-z' can be used with any other option, prints version
'username' refers by default to a local account on this machine.
Use the format 'domain\username' or 'server\username' if appropriate.

C:\Program Files\Firebird\Firebird_2_5\bin>instsvc i -c -a -n ConsisaNet_2_5x64
Service "Firebird Server - ConsisaNet_2_5x64" successfully created.

C:\Program Files\Firebird\Firebird_2_5\bin>
```

Inicie os serviços do Firebird;

