

# Sistemas de Banco de Dados

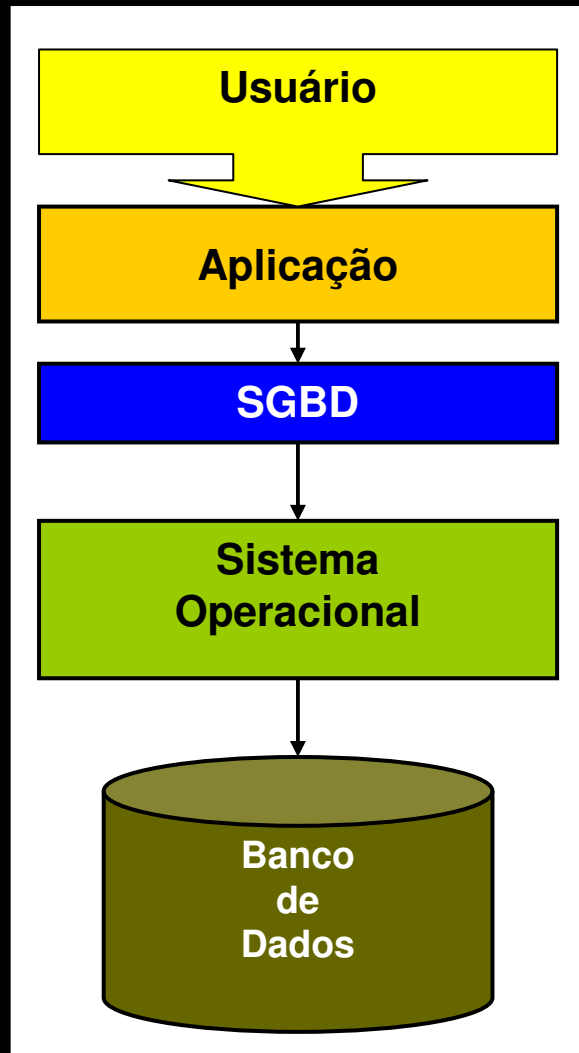
---

## Banco de Dados Cliente-Servidor

Edson Brabo  
[edson@prodepa.gov.br](mailto:edson@prodepa.gov.br)  
[www.geocities.com/edsonbrabo](http://www.geocities.com/edsonbrabo)

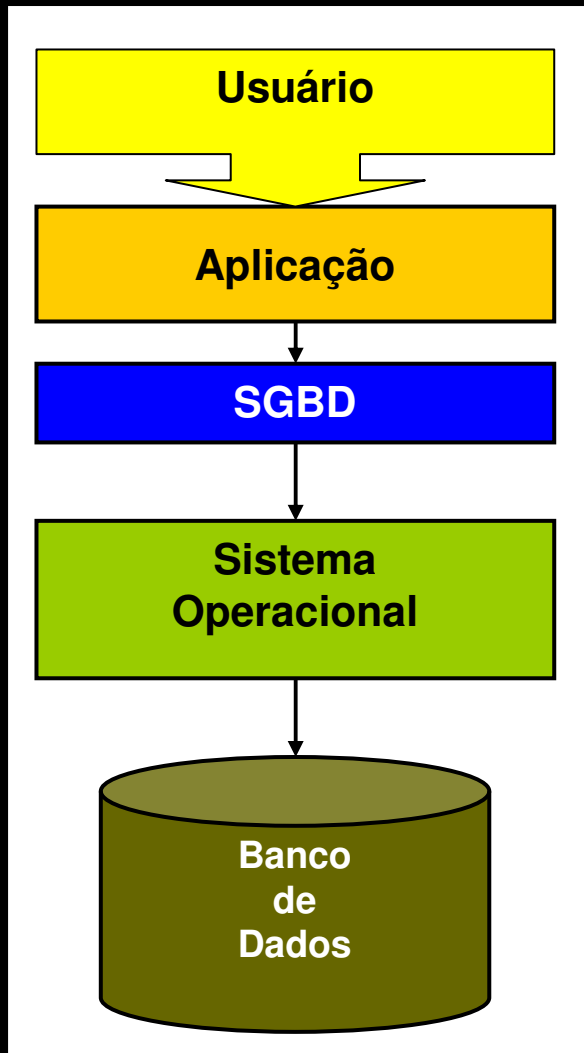
# Banco de Dados Centralizado

---

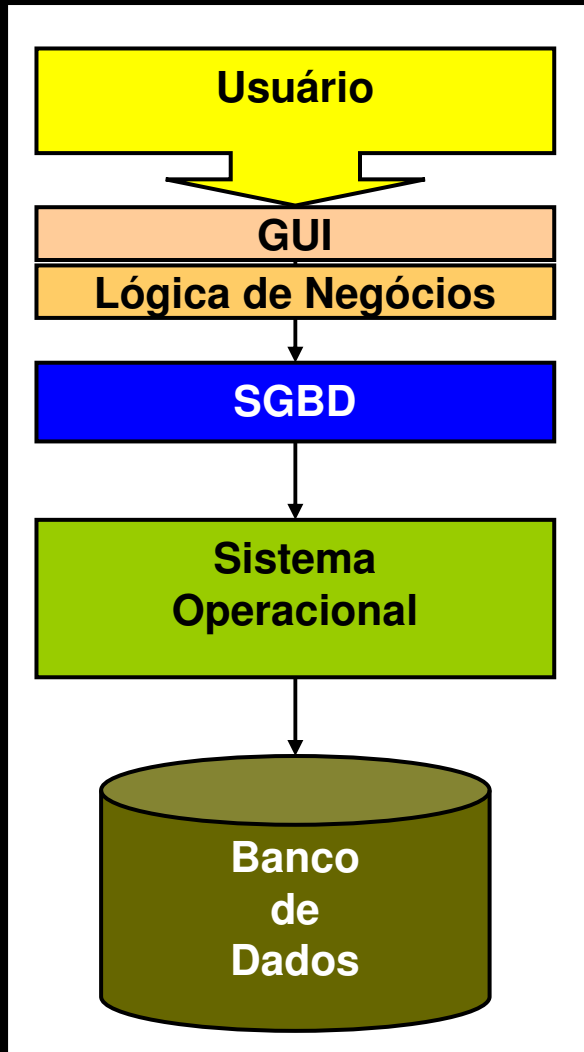


# Banco de Dados Centralizado

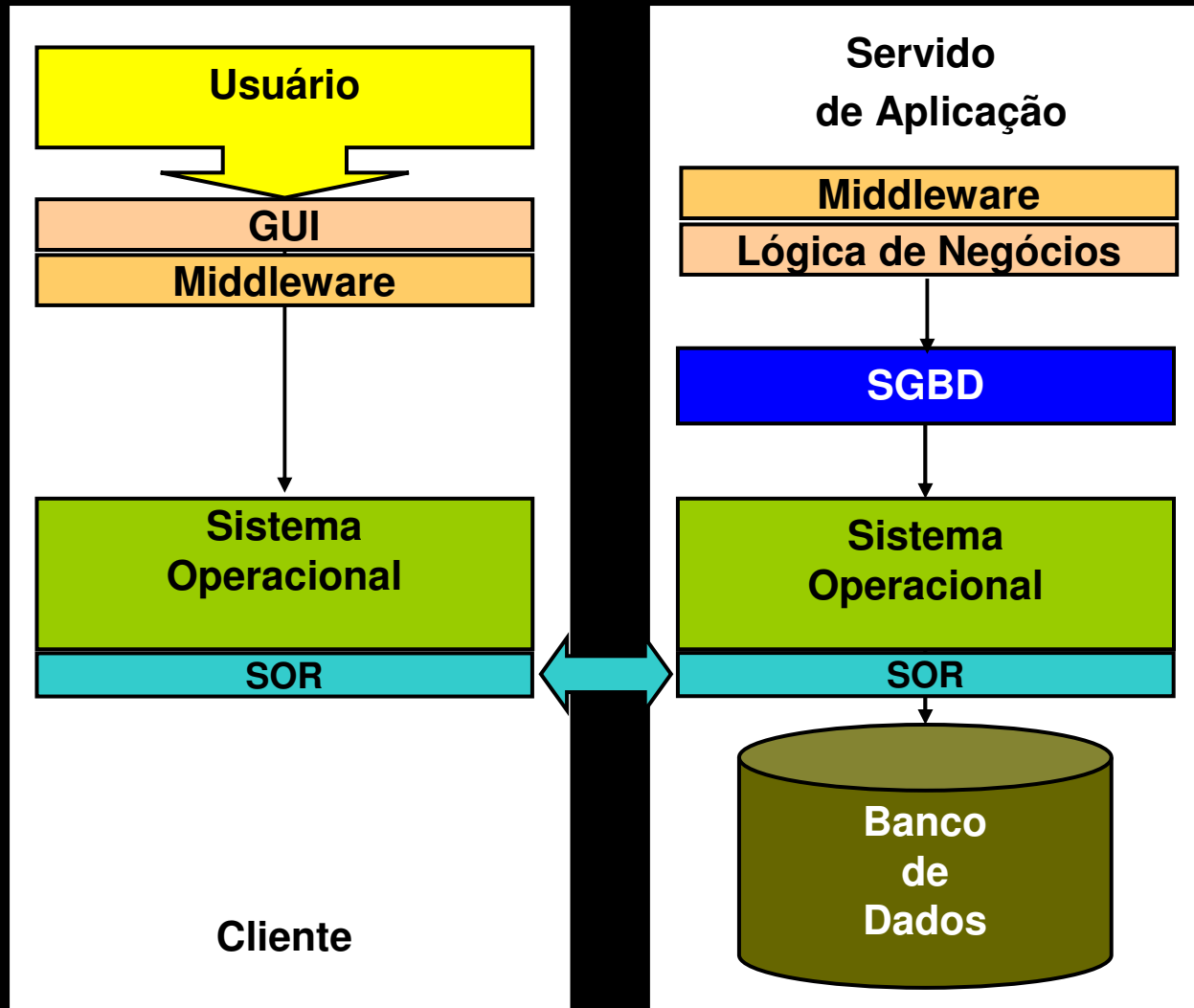
---



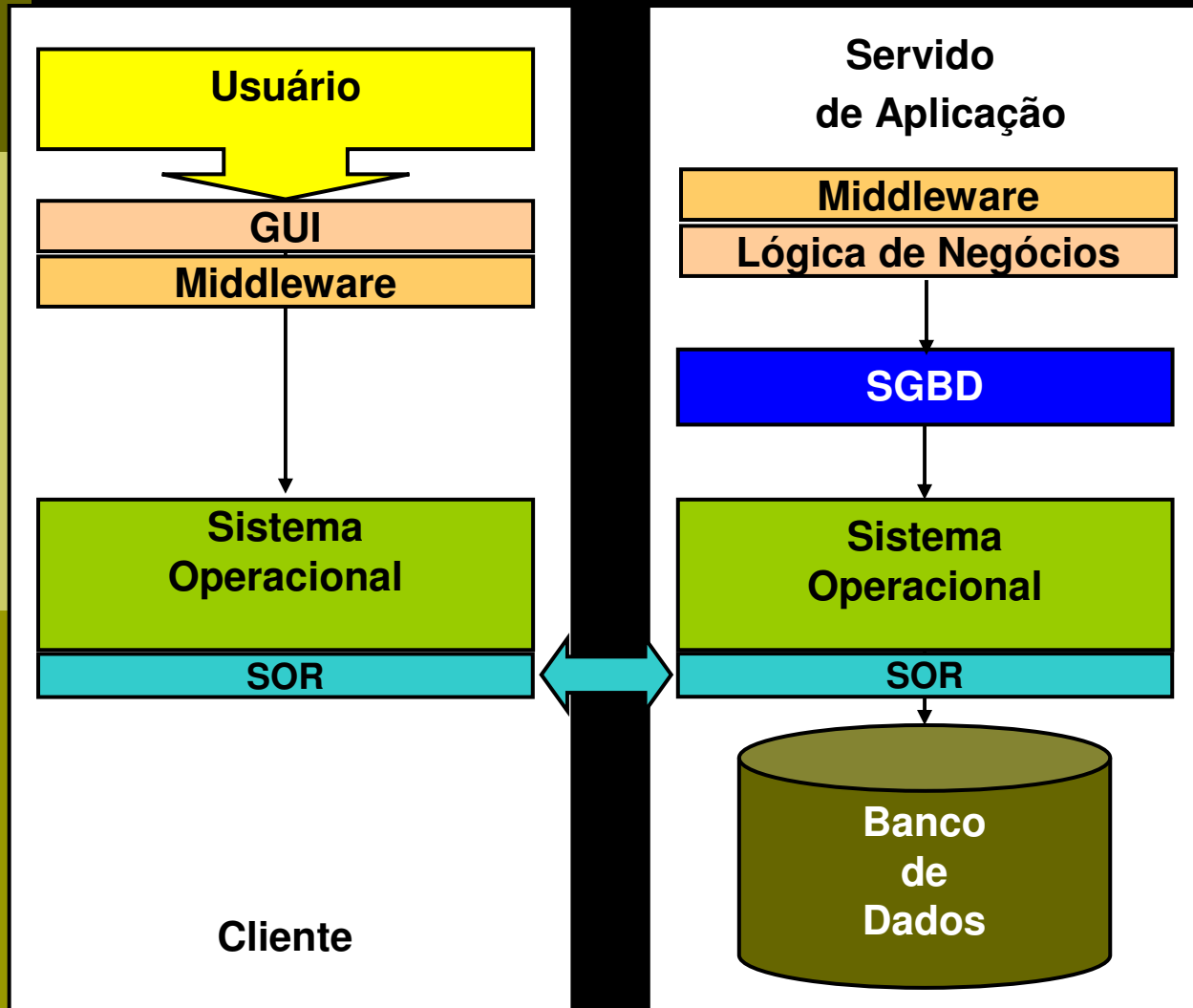
# Banco de Dados Centralizado



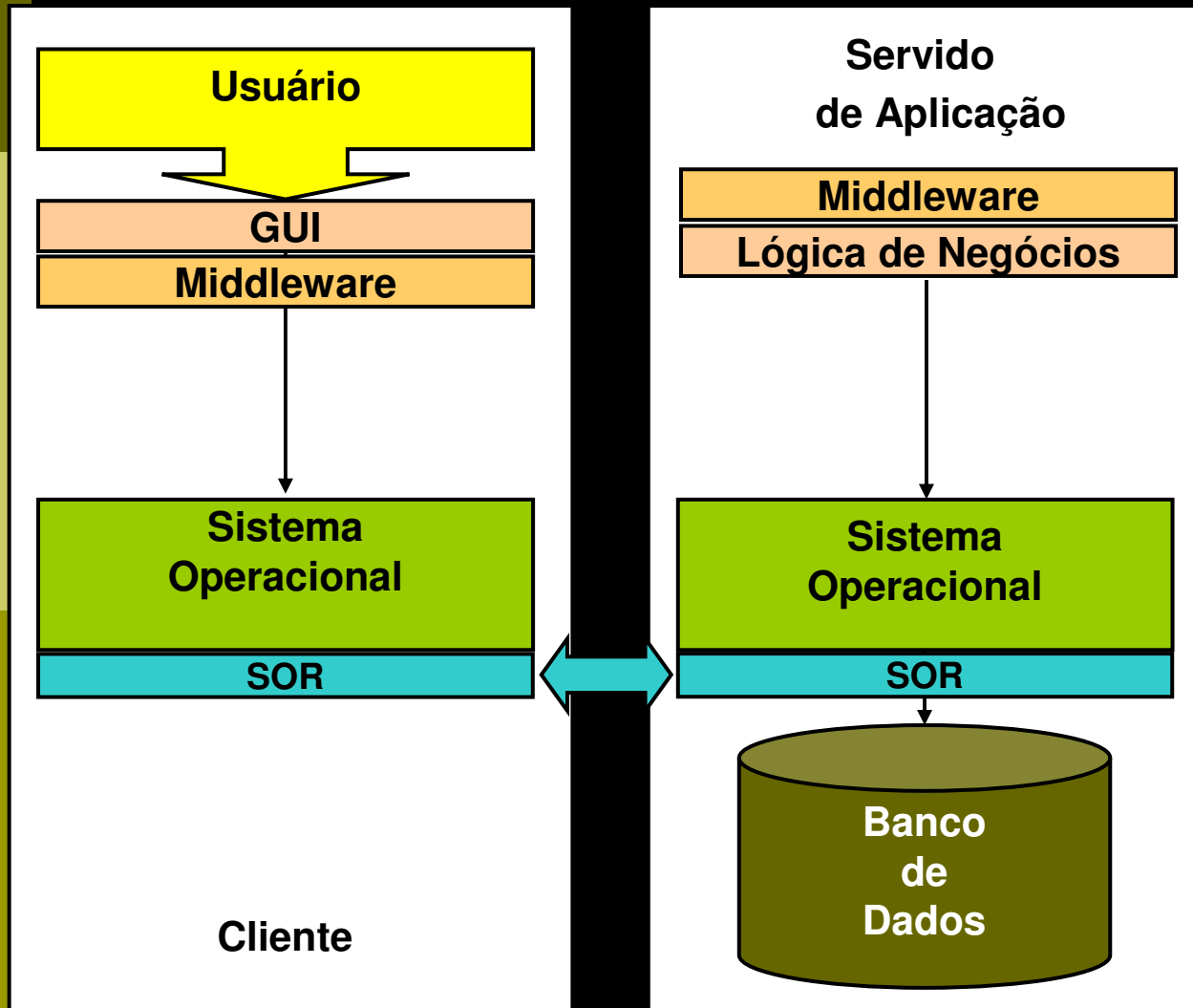
# Arquitetura Cliente-Servidor (duas camadas – two tiers)



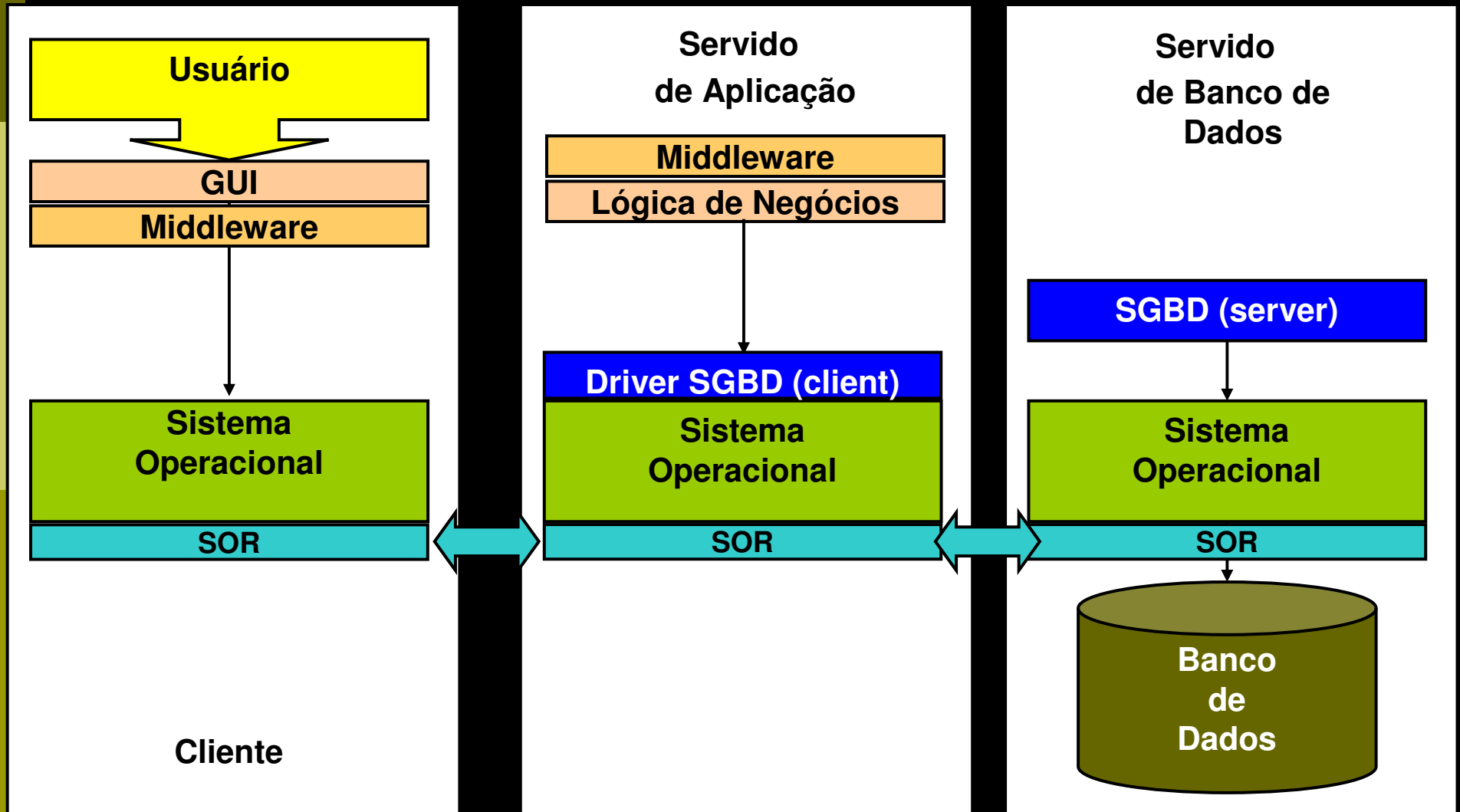
# Arquitetura Cliente-Servidor (duas camadas – two tiers)



# Arquitetura Cliente-Servidor (duas camadas – two tiers)



# Arquitetura Cliente-Servidor (duas camadas – two tiers)



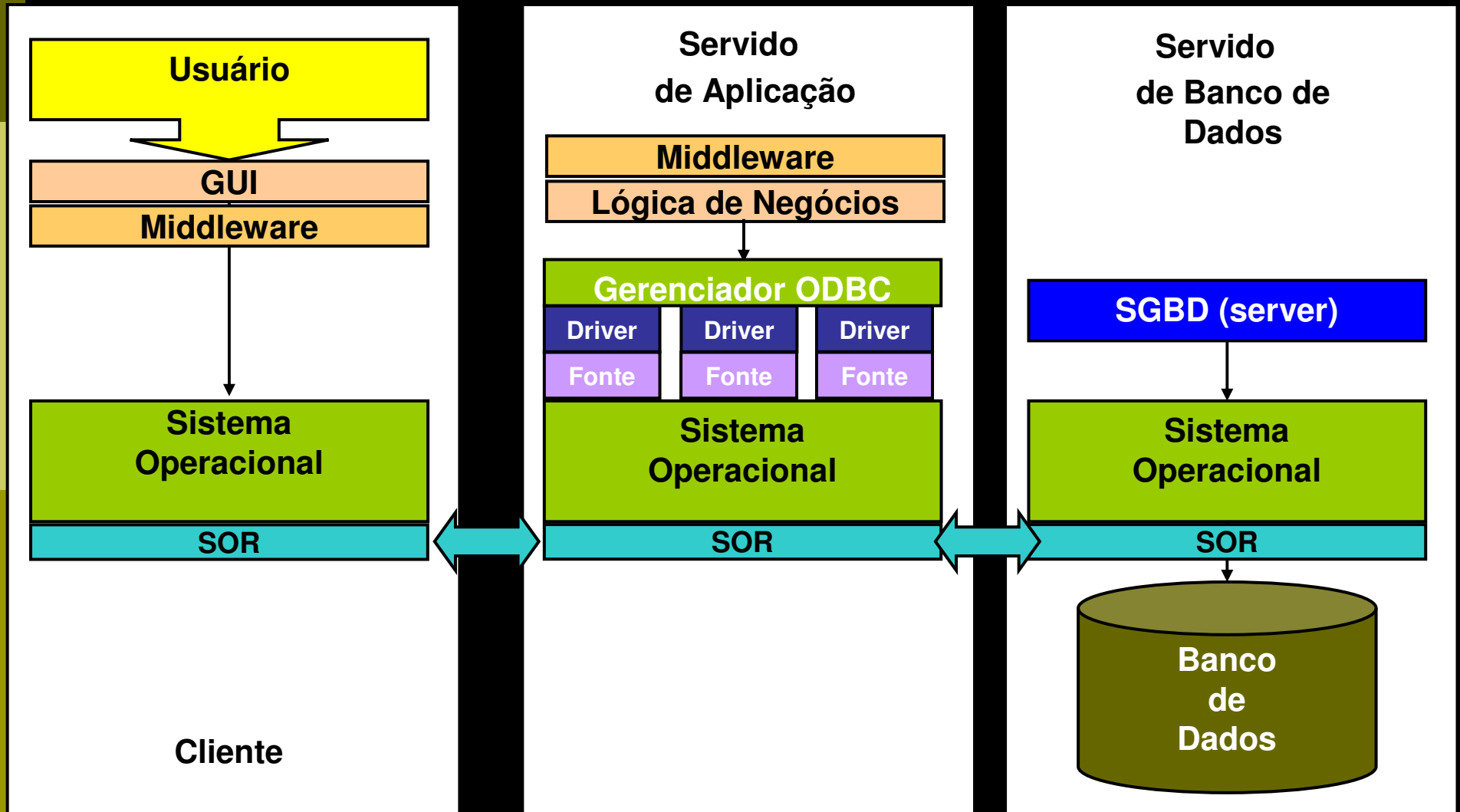


# Padronização de drivers (clients)

---

- ❑ SAG (SQL Access Group) padroniza interface para acesso via SQL → padrão SQLCLI (SQL Call Level Interface)
- ❑ Padrões SQLCLI da Borland:
  - IDAPI
  - BDE
- ❑ Padrões SQLCLI da Microsoft:
  - ODBC
  - OLEDB

# Arquitetura Cliente-Servidor (ODBC)





FIM