entendendo backend vídeo 3

concorrência e paralelismo

paralelismo é fazer o processamento em paralelo, ou seja, em vários núcleos diferentes

<https://pt.qaz.wiki/wiki/Asynchronous_I/O>

<https://www.treinaweb.com.br/blog/uma-introducao-a-tcp-udp-e-sockets/>

<https://unix.stackexchange.com/questions/137820/whats-the-difference-of-the-userland-vs-the-kernel>

<https://www.google.com/search?q=sysadmin&oq=sysadmin&aqs=chrome..69i57.1743j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?sxsrf=ALeKk03ydLN35BlQhB07SrGY4Qz4waaOpQ:1618478602161&q=aplica%C3%A7%C3%A3o+web&sa=X&ved=2ahUKEwi_5aHR9v_vAhW9VBUIHUFcCrAQ7xYoAHoECAEQNQ&biw=1360&bih=635>

<https://www.google.com/search?q=cobernets&oq=cobernets&aqs=chrome..69i57.1887j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=servidor+cash&oq=servidor+cash&aqs=chrome..69i57.3008j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=redis&oq=redis&aqs=chrome..69i57.1559j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=replica%C3%A7%C3%A3o+master+slave&oq=replica%C3%A7%C3%A3o+master+slave&aqs=chrome..69i57.5269j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=heroku&oq=heroku&aqs=chrome..69i57.3622j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=daemons+so&sxsrf=ALeKk02rP8aZf01kpfgIClU1W0k-pYWstQ%3A1618478024550&ei=yAN4YPWkIezyxgOOwpT4Cg&oq=daemons+so&gs_lcp=Cgdnd3Mtd2l6EAMyBwguEAoQkwIyBAgAEAoyBAgAEAoyBAgAEAoyBAgAEAoyBAguEAoyBAgAEAoyBAgAEAoyBAgAEAoyBAgAEAo6BwgjELADECc6BwgAEEcQsAM6BwgAELADEEM6AggAOgQIABBDOgYIABAKEEM6BwgAEAoQywFQohdY6B9g8yFoAXACeACAAaMBiAGuBJIBAzAuNJgBAKABAaoBB2d3cy13aXrIAQrAAQE&sclient=gws-wiz&ved=0ahUKEwj1qOu99P_vAhVsuXEKHQ4hBa8Q4dUDCA4&uact=5>

<https://www.google.com/search?q=rings+sistema+operativo&sxsrf=ALeKk03rxTni1KRhTbeqIgLAOepHjWfyfQ:1618477949082&source=lnms&tbm=isch&sa=X&ved=2ahUKEwja--yZ9P_vAhWwUxUIHd4TAAgQ_AUoAXoECAEQAw&biw=1360&bih=635#imgrc=PM3UUetJR15FiM>

<https://www.google.com/search?q=process+container&oq=process+container&aqs=chrome..69i57.4951j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=jail+bsd&oq=jail+bsd&aqs=chrome..69i57.2448j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=orquestra%C3%A7%C3%A3o+de+infraestrutura&oq=orquestra%C3%A7%C3%A3o+de+infraestrutura&aqs=chrome..69i57.9254j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=ferramenta+de+gest%C3%A3o+de+configura%C3%A7%C3%A3o+chef&oq=ferramenta+de+gest%C3%A3o+de+configura%C3%A7%C3%A3o+chef&aqs=chrome..69i57.11414j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=virtualiza%C3%A7%C3%A3o+acelerada+por+hardware&oq=virtualiza%C3%A7%C3%A3o+acelerada+por+hardware&aqs=chrome..69i57.11079j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=information+thecnology+infraestructure+library&oq=information+thecnology+infraestructure+library&aqs=chrome..69i57.15567j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=amazon+ec2+s3+sqs&oq=amazon+ec2+s3+sqs&aqs=chrome..69i57.9667j0j15&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=virtual+containers&oq=virtual+containers&aqs=chrome..69i57.5934j0j7&sourceid=chrome&ie=UTF-8>

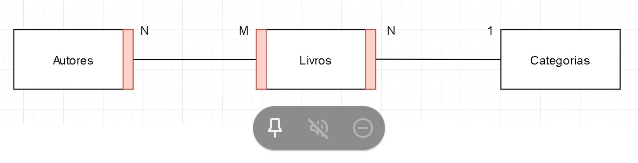
<https://www.google.com/search?q=paravirtualization&oq=paravirtualization&aqs=chrome..69i57.7456j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=full+virtualizations&oq=full+virtualizations&aqs=chrome..69i57.4559j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?q=vps&oq=vps&aqs=chrome..69i57.1495j0j7&sourceid=chrome&ie=UTF-8>

<https://www.google.com/search?sxsrf=ALeKk02yBiJ7Jd34thwQtYYAWbV3QqKBIw:1618474962885&q=hypervisor&spell=1&sa=X&ved=2ahUKEwieg_aJ6f_vAhX7QhUIHRRDCxsQBSgAegQIARA1&biw=1360&bih=635>

<https://unix.stackexchange.com/questions/137820/whats-the-difference-of-the-userland-vs-the-kernel>

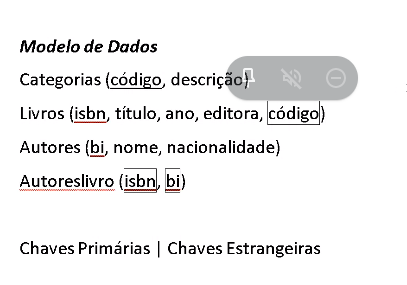


1-n a participação obrigatória fica no n

DER é o retângulo com o (1-1 1-n n-m)

quando tiver um relacionamento n-m, no modelo de dados tem que ter uma tabela a mais e essa tabela vai conter as chaves primárias das de cima em que se repetem

a chave primário de 1-1 tem que fazer parte do código go ládo N como chave estrangeira e em vez de sublinhado vira com um quadrado

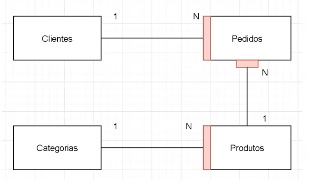


a chave primária é o que é sublinhado

quando for para o acces tem que impor integridade referencial

ferramenta de base de dados » relações

vista de estrutura



modelo de dados

cliente(códigoCli, nome,morada,telefone,crédito)

pedidos( numPedido, data, códigoCli, códigoProd)

produto(codigoProd, nome, preço, idc)

categorias(idc, nome)