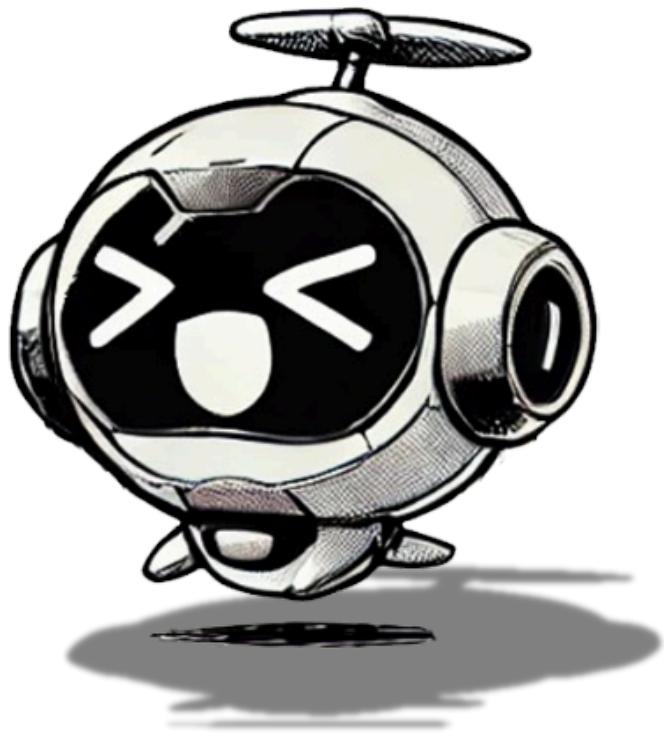
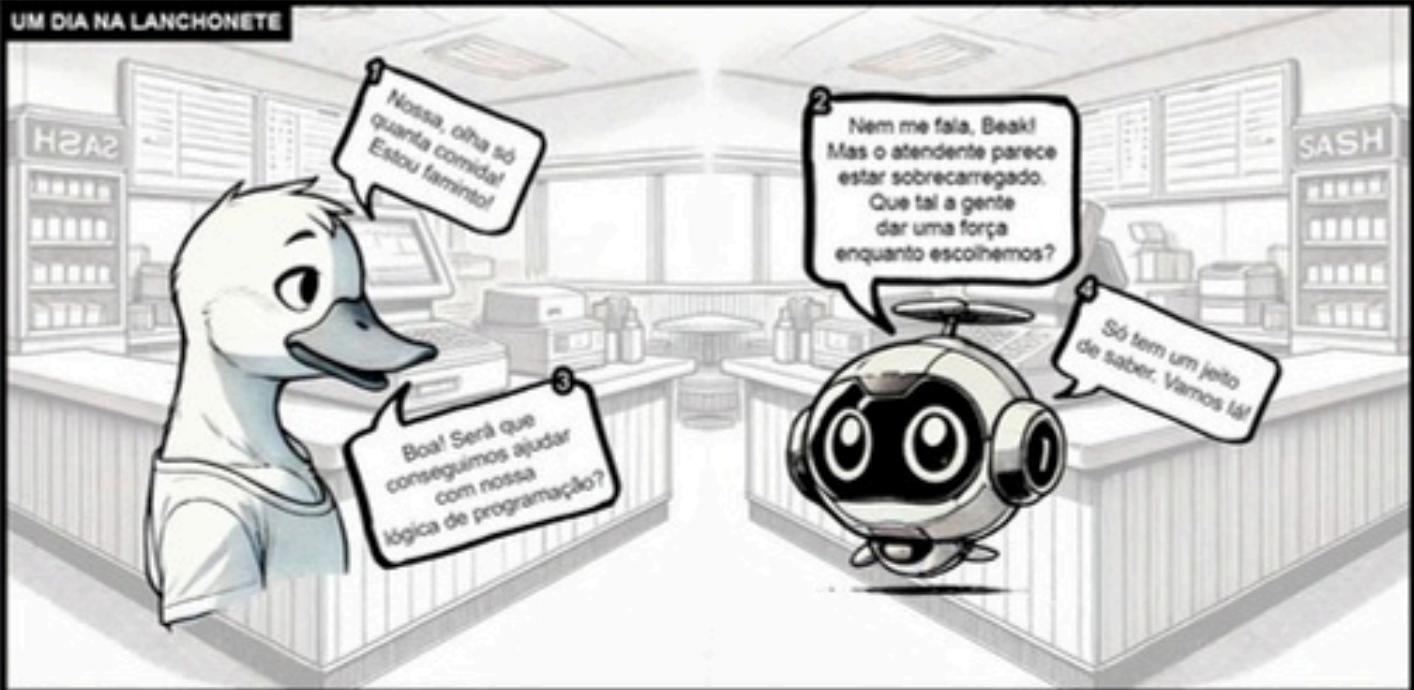


Bit Beak



Marcos Vinicius Alves de Souza
Gustavo Henrique Alves



Chegando ao caixa, Beak precisa calcular o total de sua conta e aplicar um possível desconto..

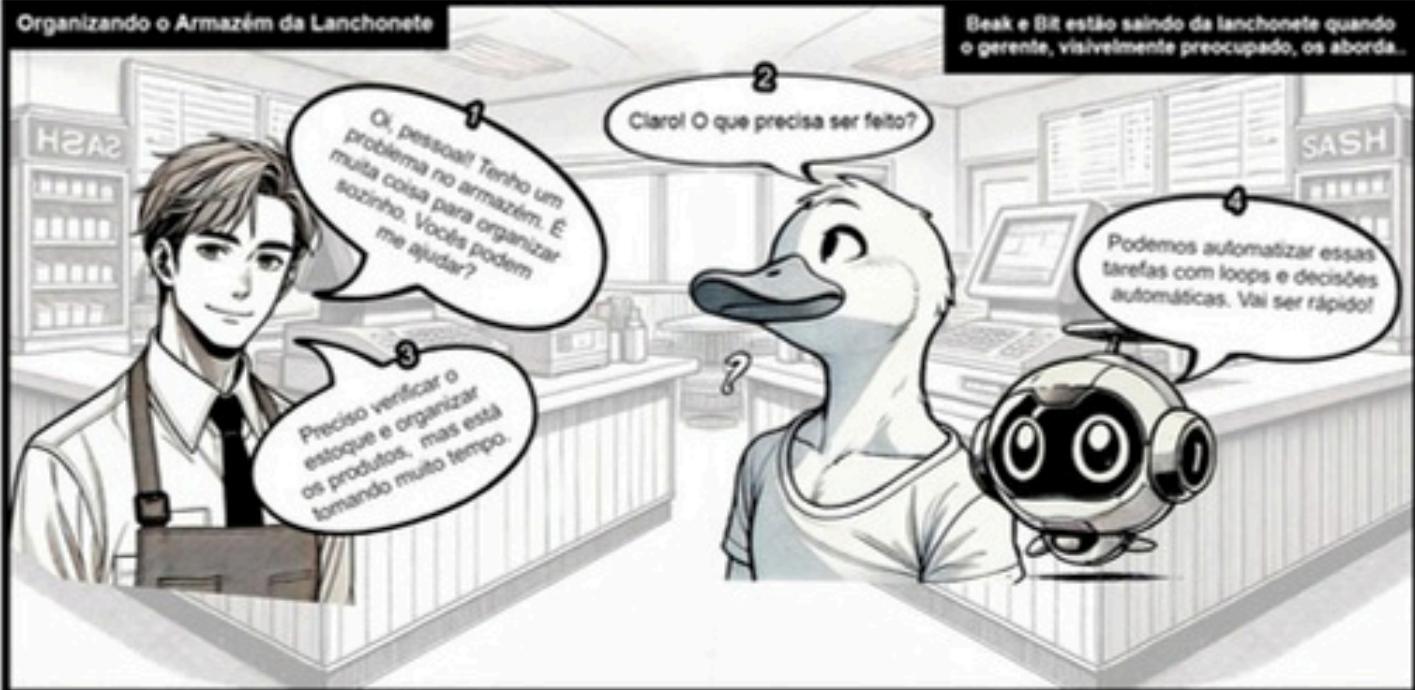


Depois de organizar os pedidos e calcular a conta, Beak e Bill se despedem do atendente, que está grato pela ajuda.



Organizando o Armazém da Lanchonete

Beak e Bit estão saindo da lanchonete quando o gerente, visivelmente preocupado, os aborda..



No armazém, o gerente mostra as prateleiras cheias de produtos..



Após verificar o estoque, o gerente pede ajuda para organizar os produtos por validade..



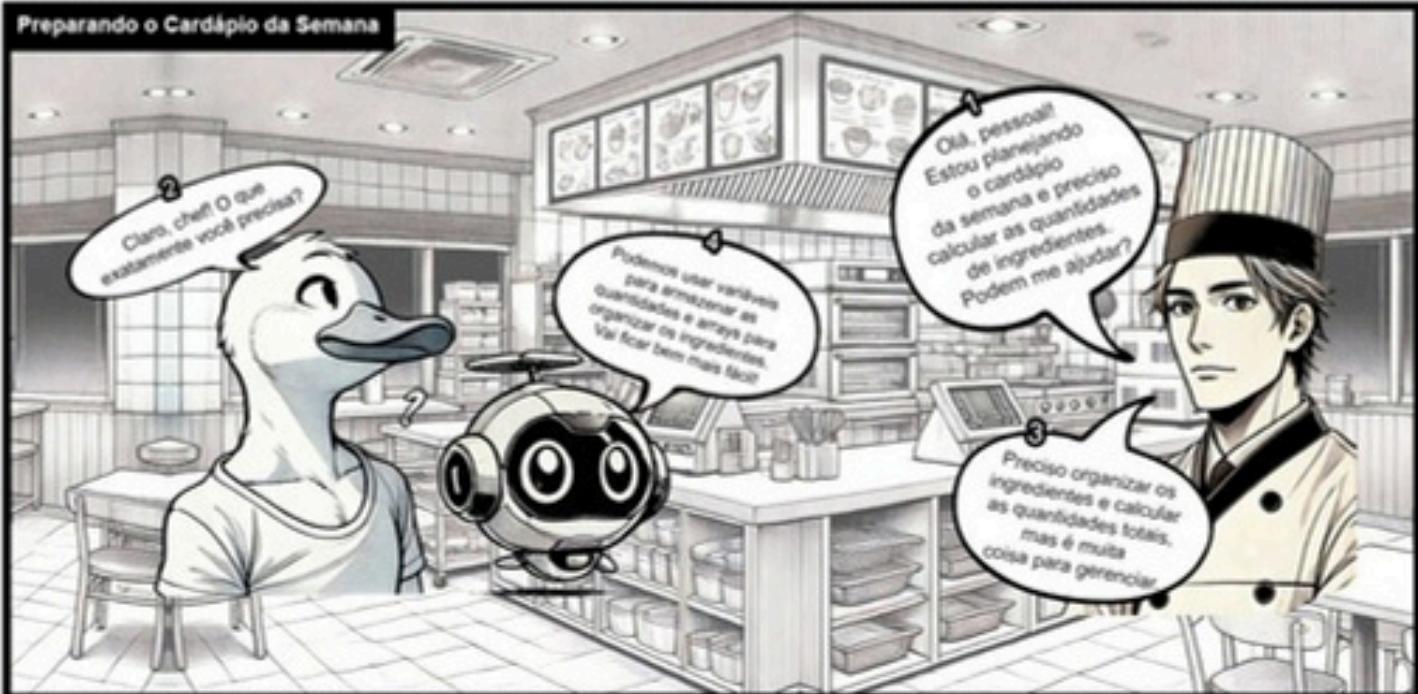
Antes de sair, Bit sugere uma última melhoria..



Beak e Bit se despedem do gerente..



Preparando o Cardápio da Semana





Automatizando o Atendimento na Lanchonete





Criando um Sistema Completo para a Lanchonete



Criando um Sistema Completo para a Lanchonete



Criando um Sistema Completo para a Lanchonete



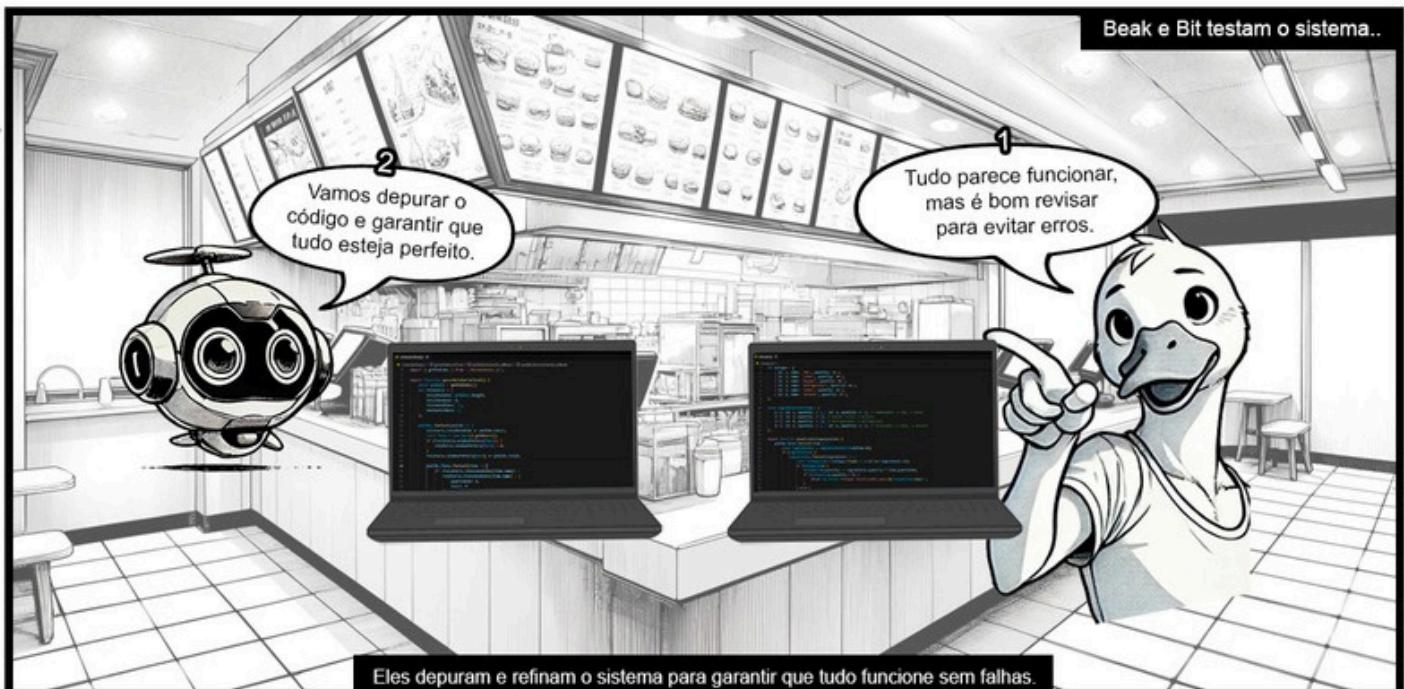
Criando um Sistema Completo para a Lanchonete



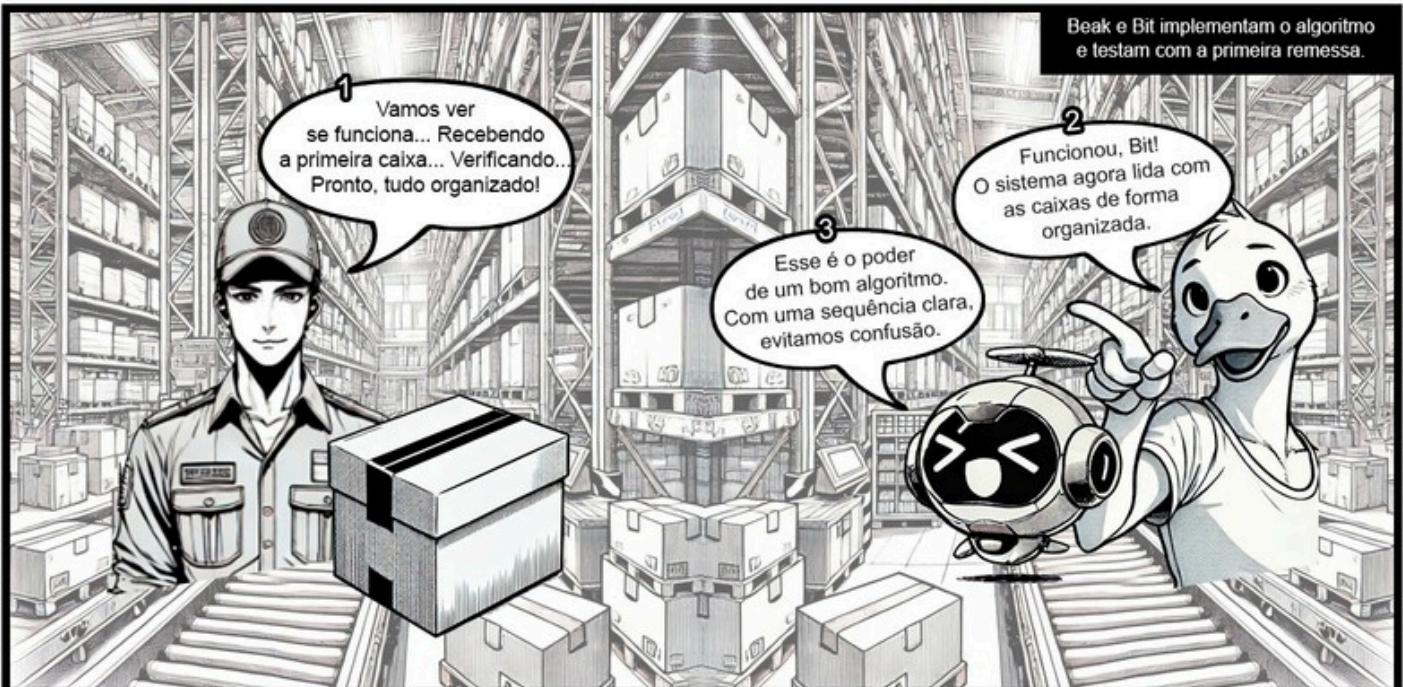
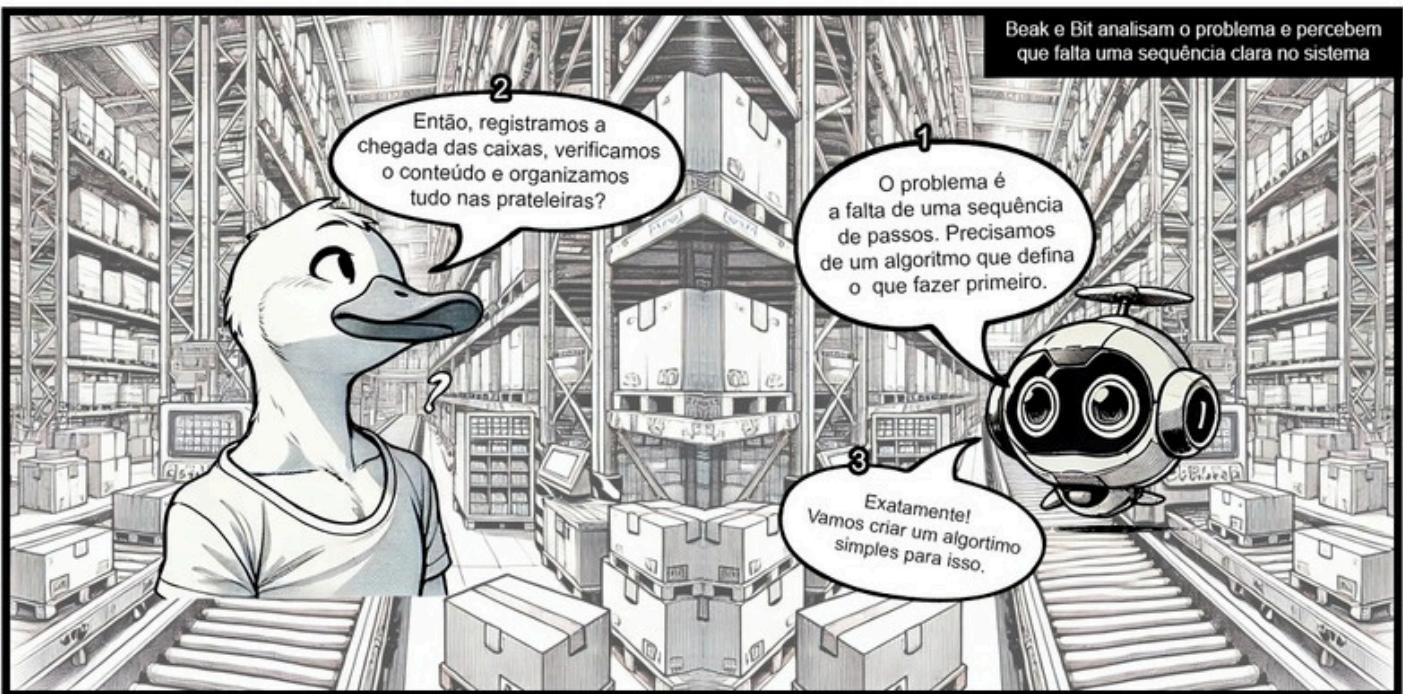
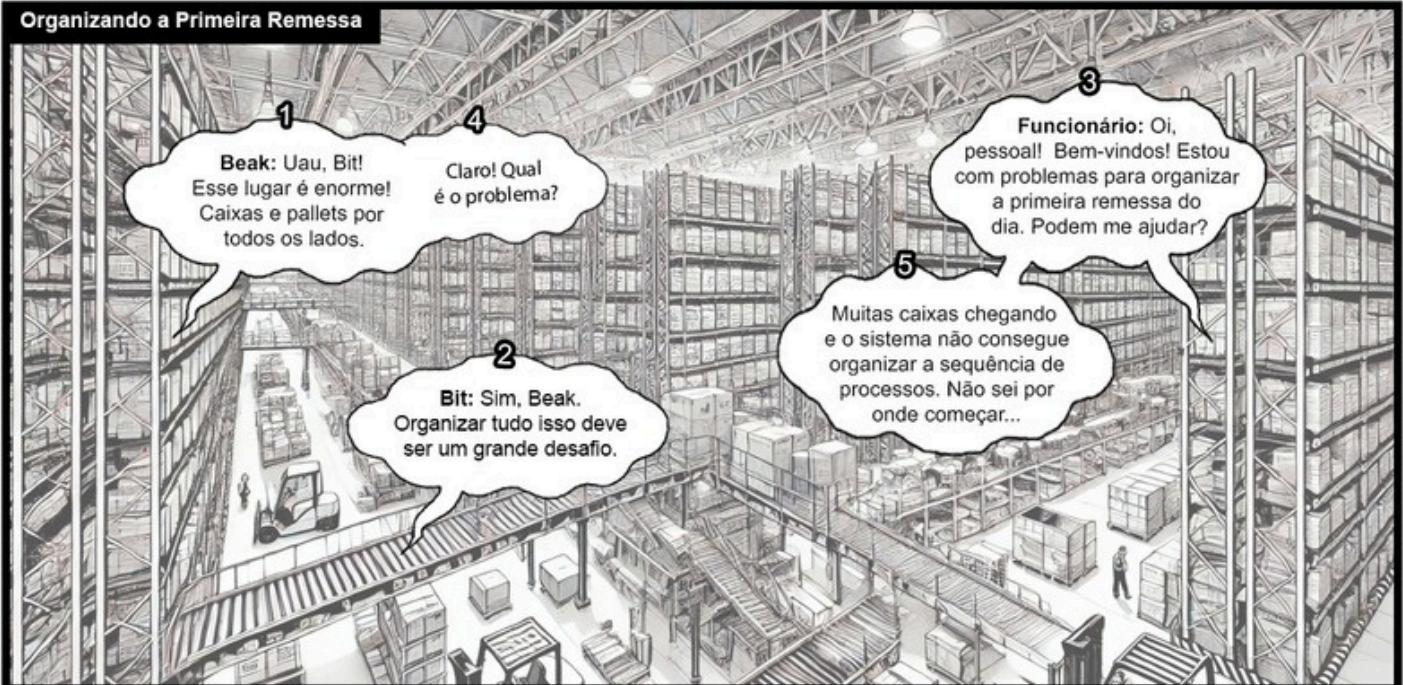
Beak e Bit apresentam o sistema ao gerente



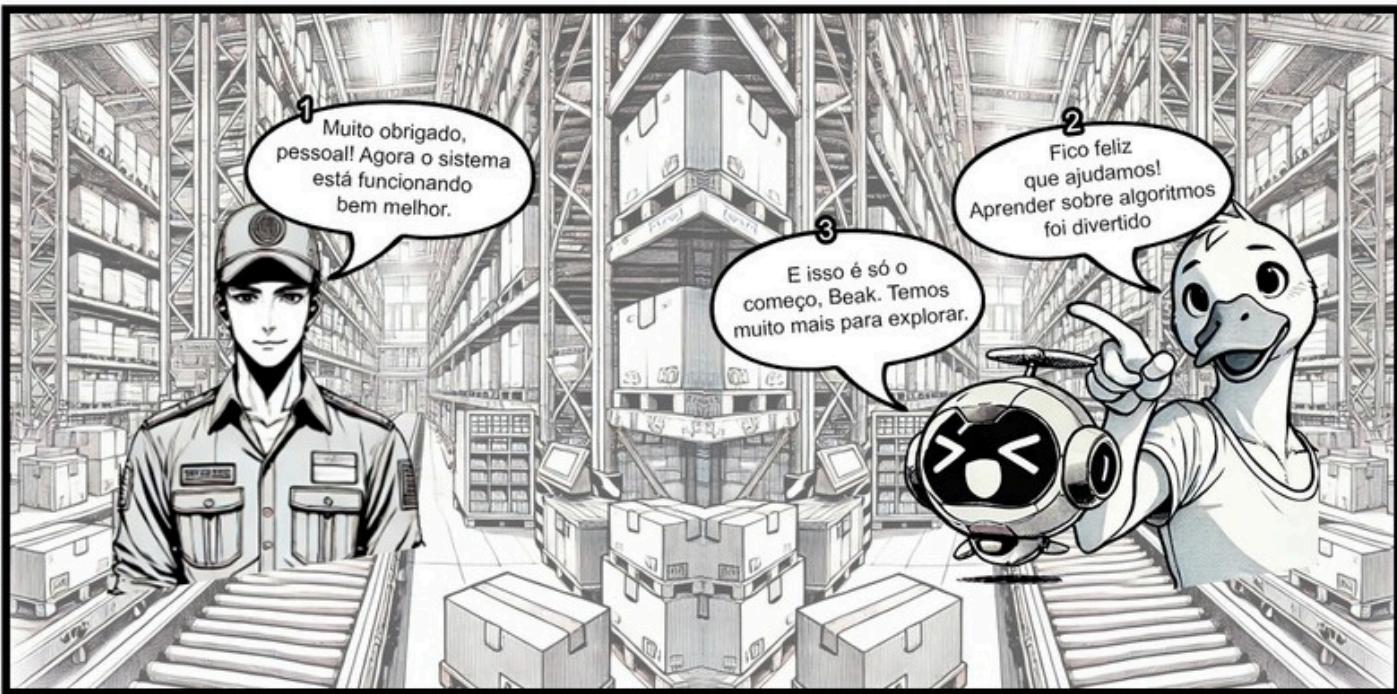
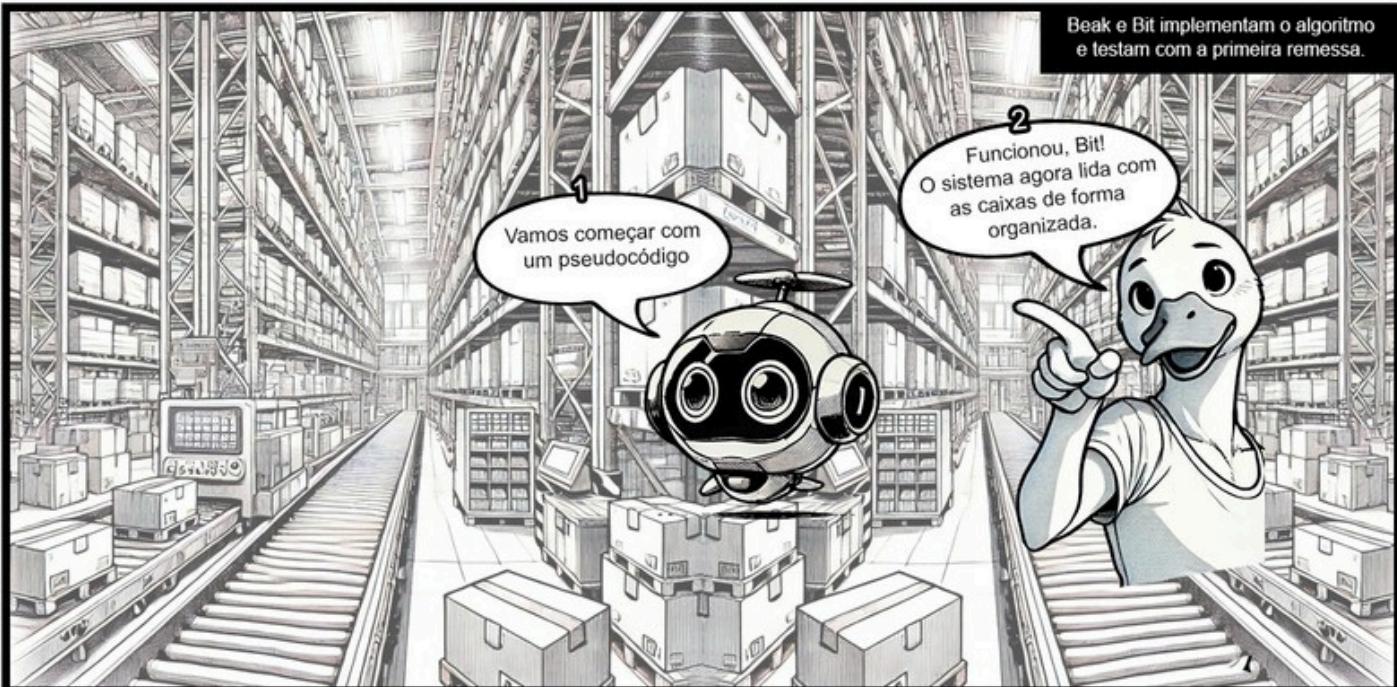
Beak e Bit testam o sistema..



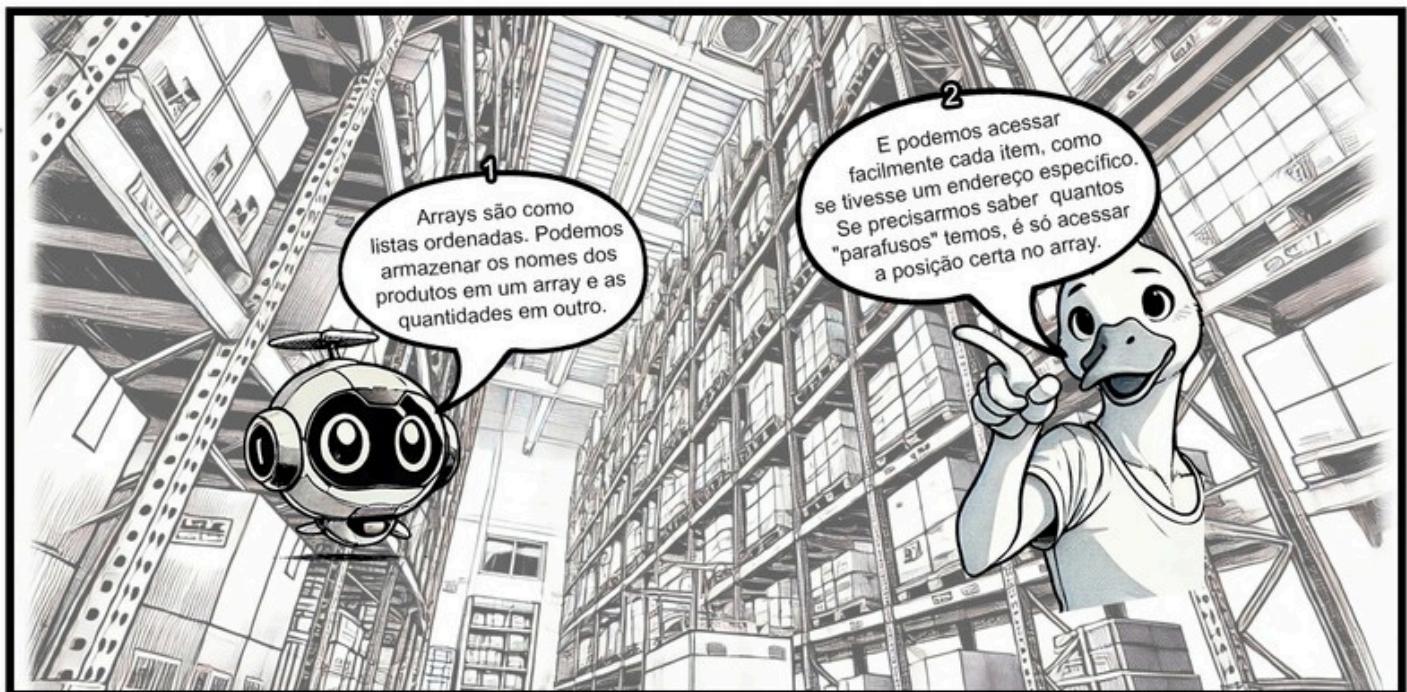
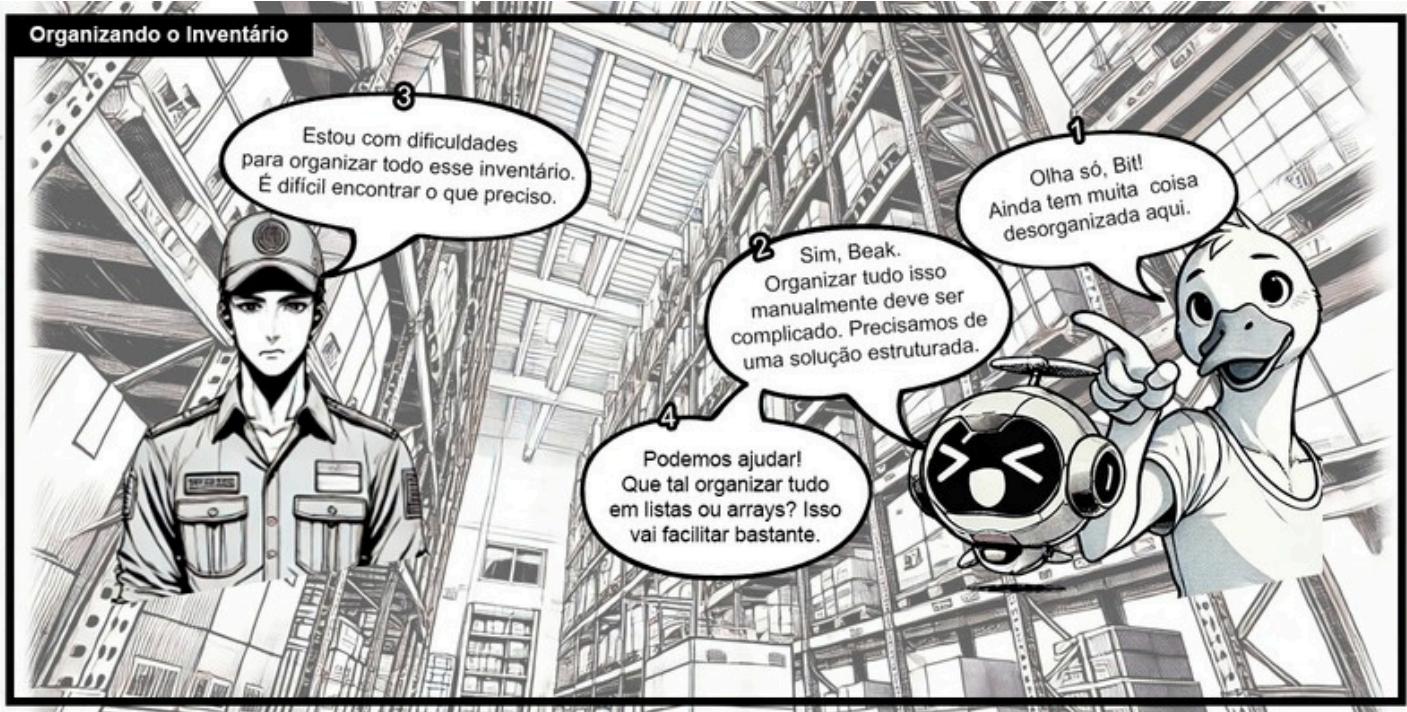
Organizando a Primeira Remessa

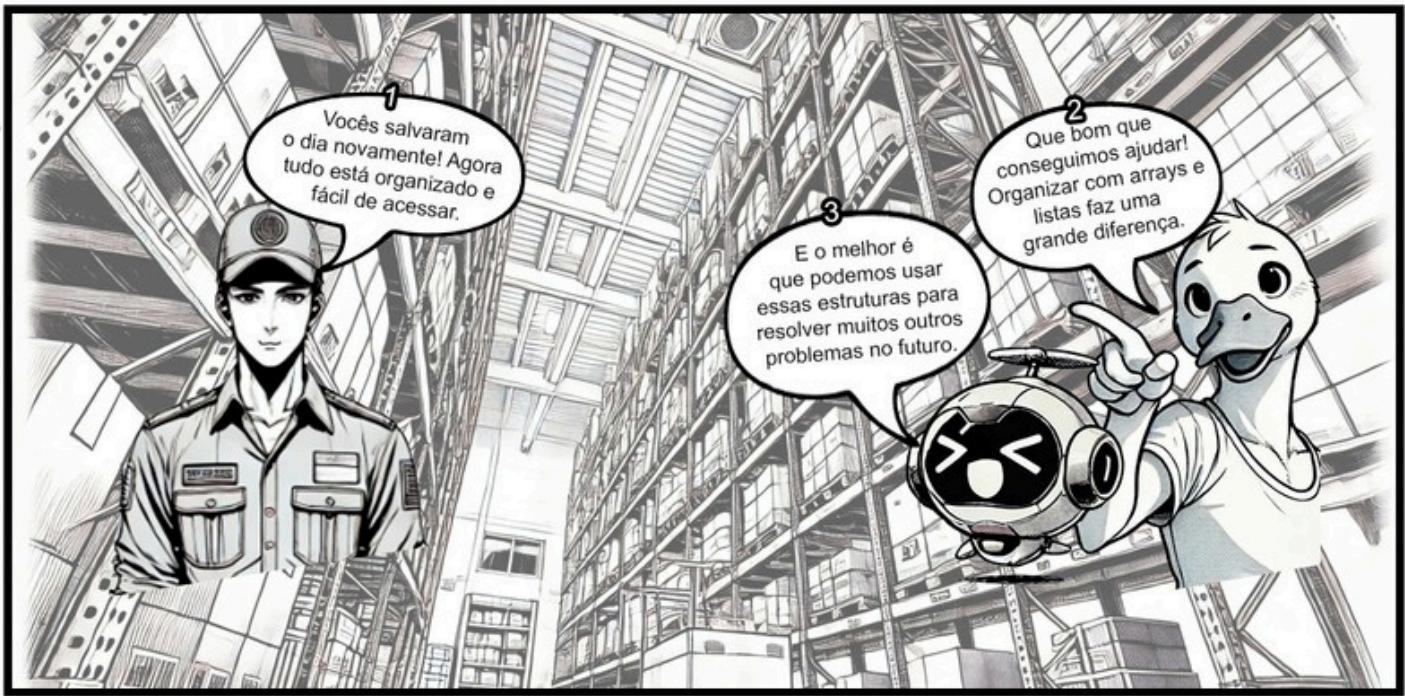


Beak e Bit implementam o algoritmo
e testam com a primeira remessa.

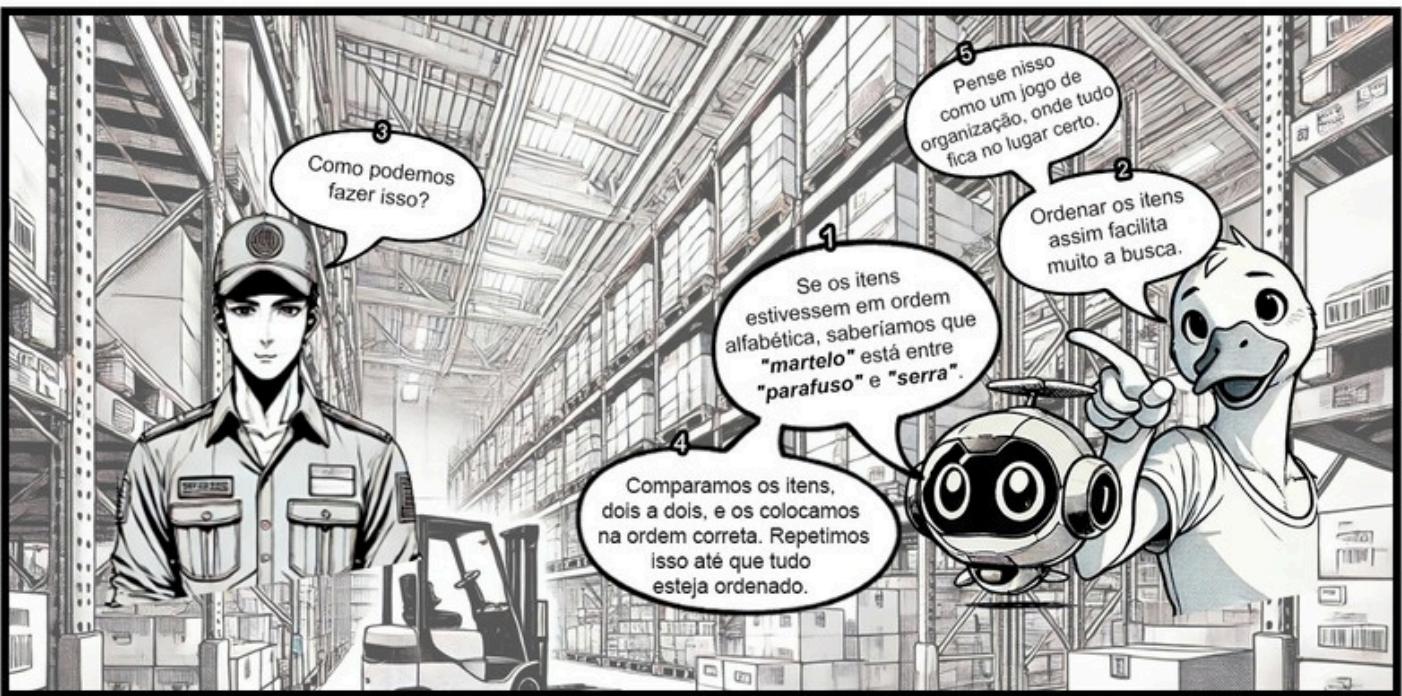


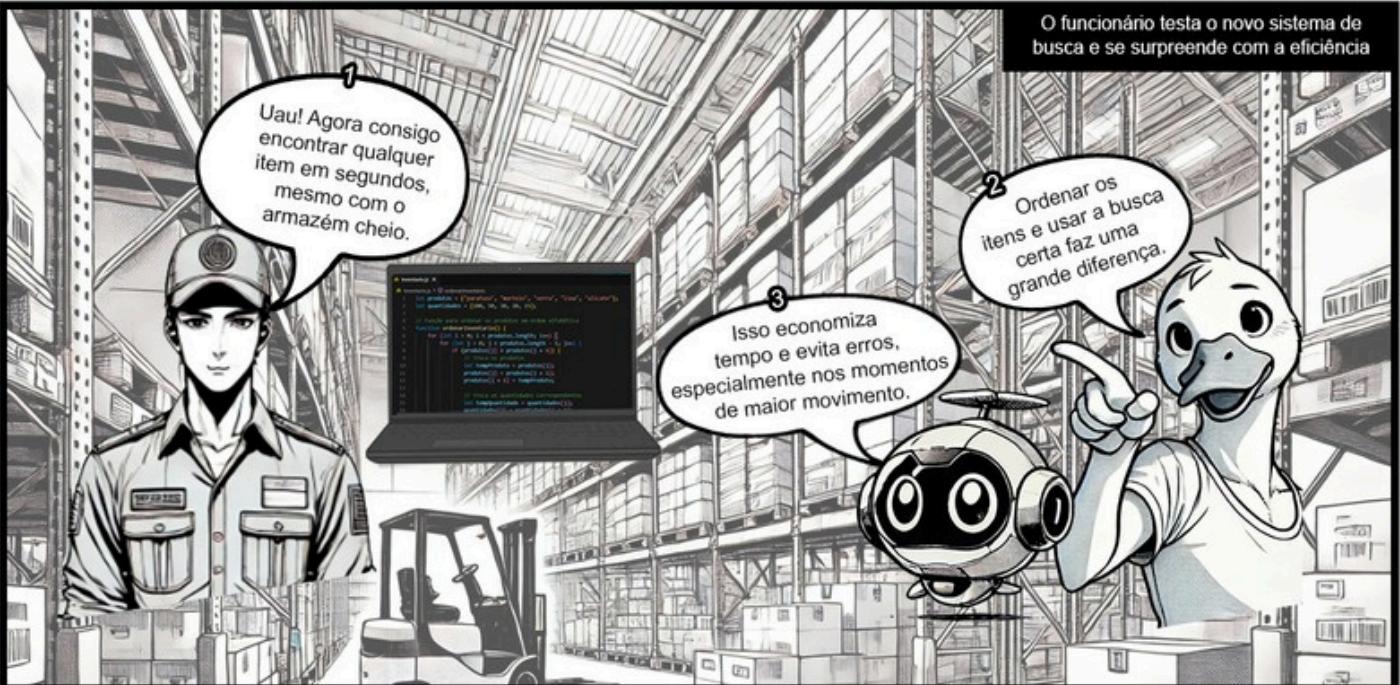
Organizando o Inventário





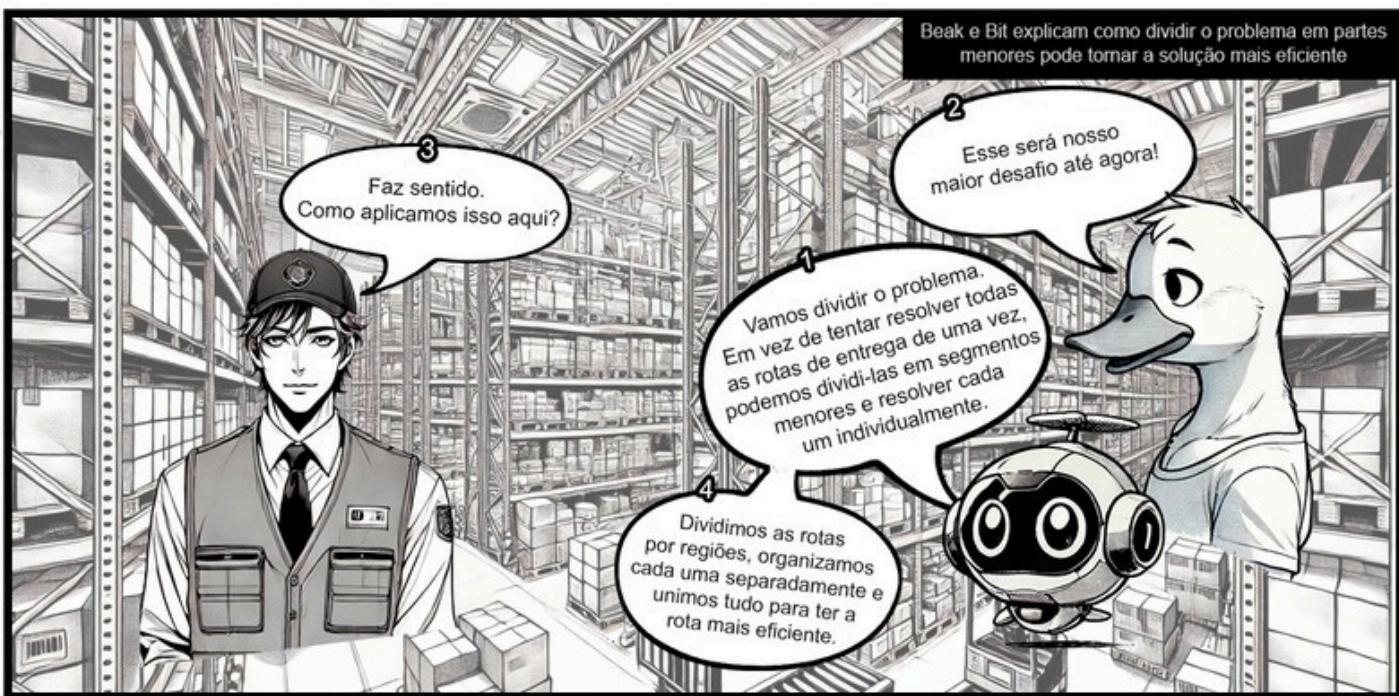
O Desafio da Busca Rápida



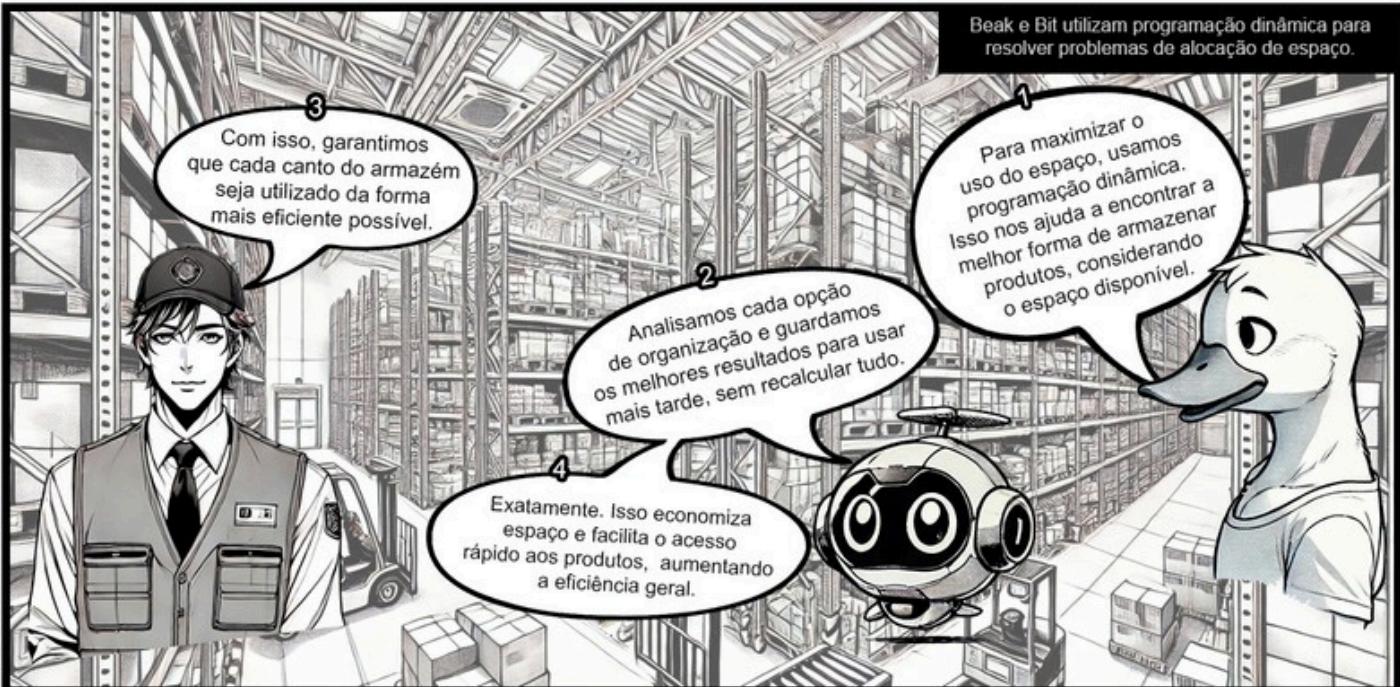






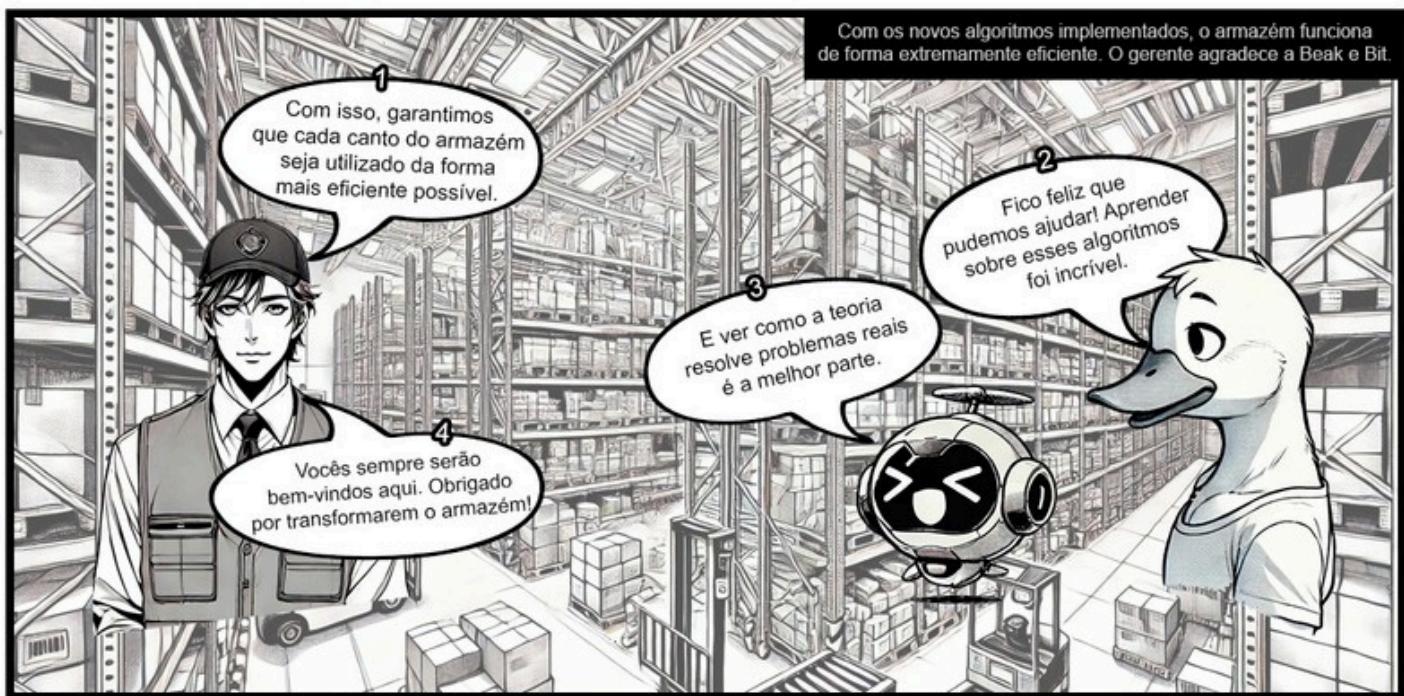


Beak e Bit utilizam programação dinâmica para resolver problemas de alocação de espaço.



2
Analisamos cada opção de organização e guardamos os melhores resultados para usar mais tarde, sem recalcular tudo.

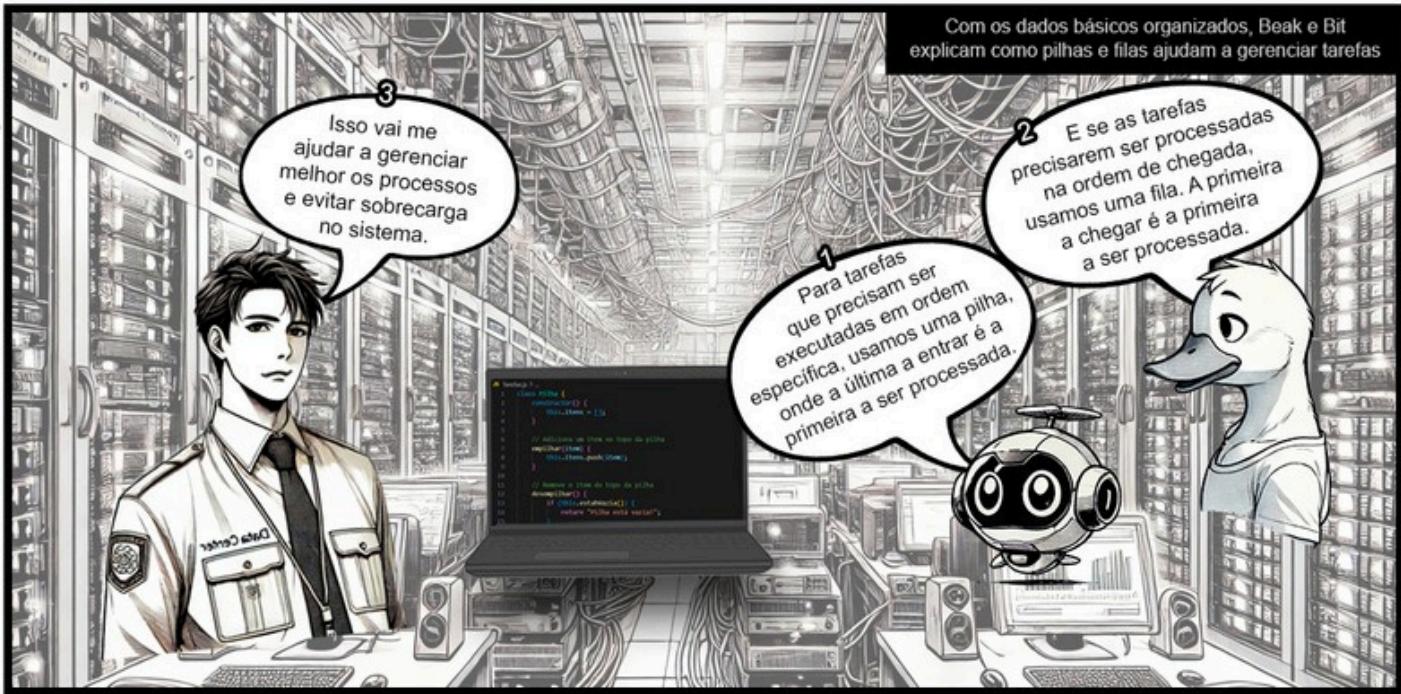
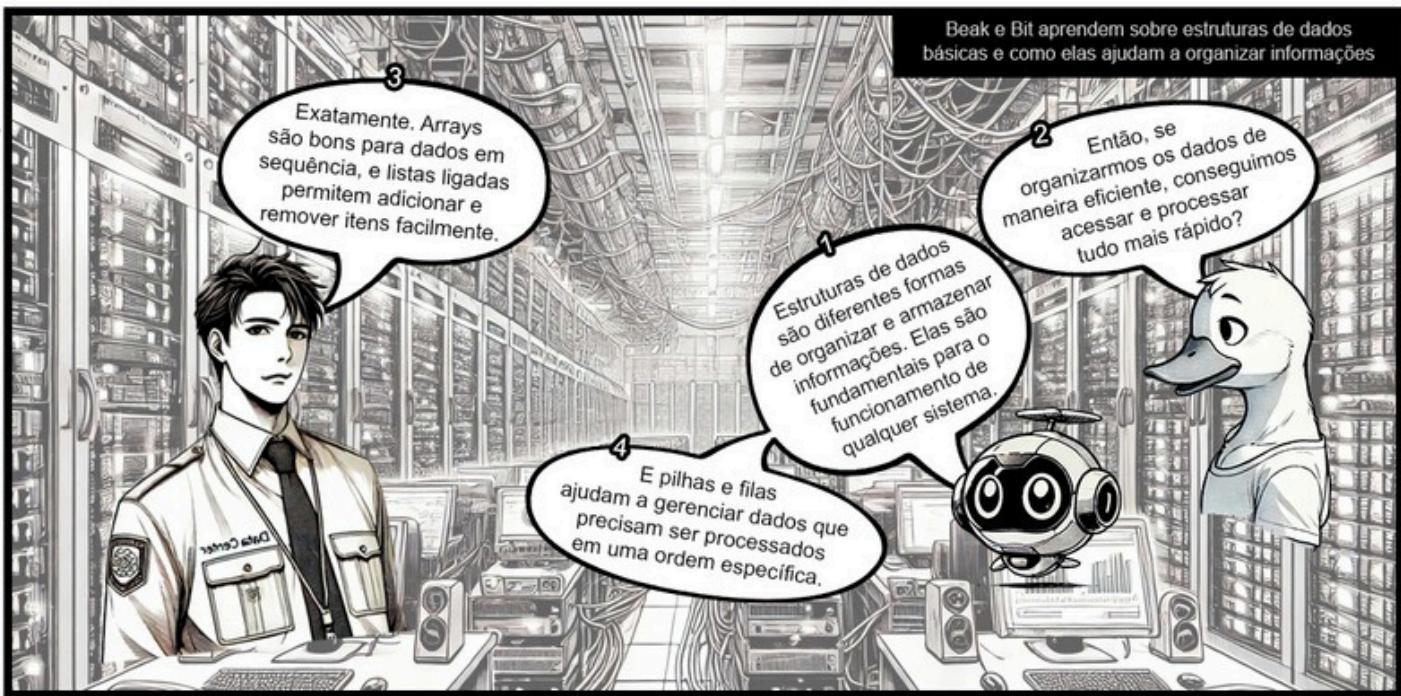
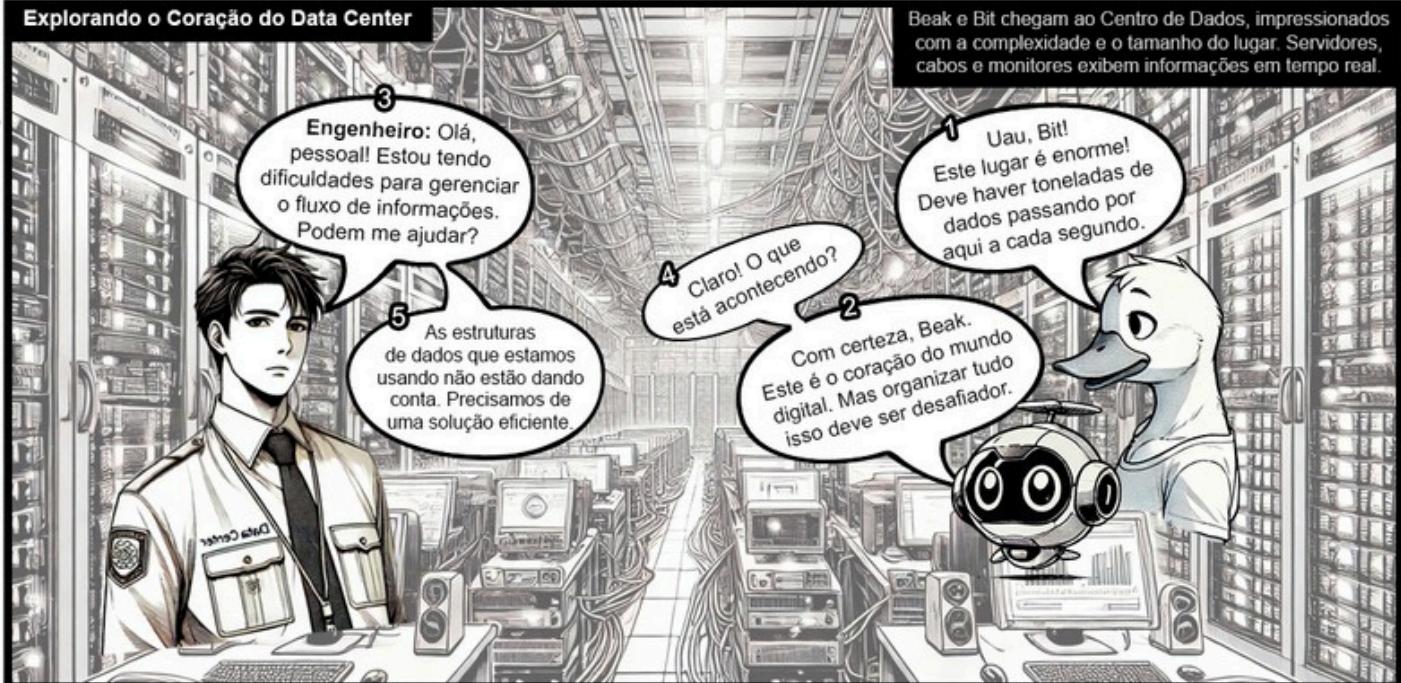
4
Exatamente. Isso economiza espaço e facilita o acesso rápido aos produtos, aumentando a eficiência geral.



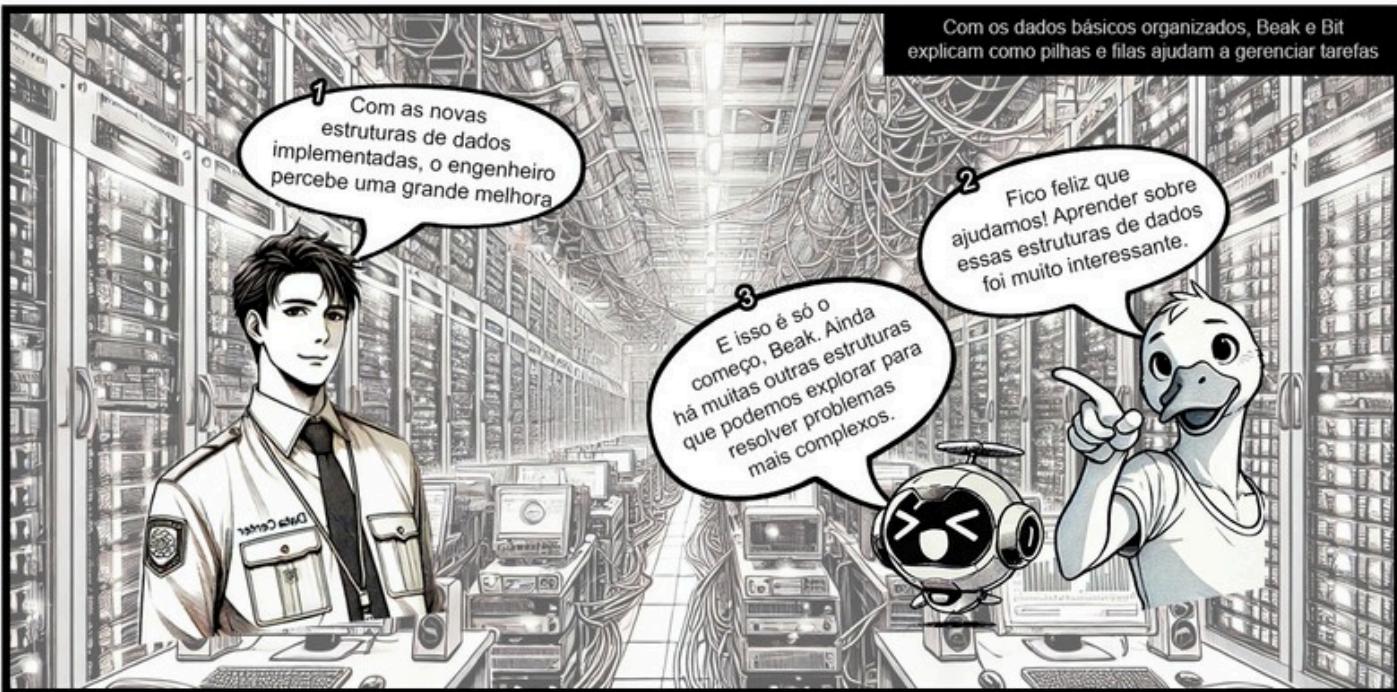
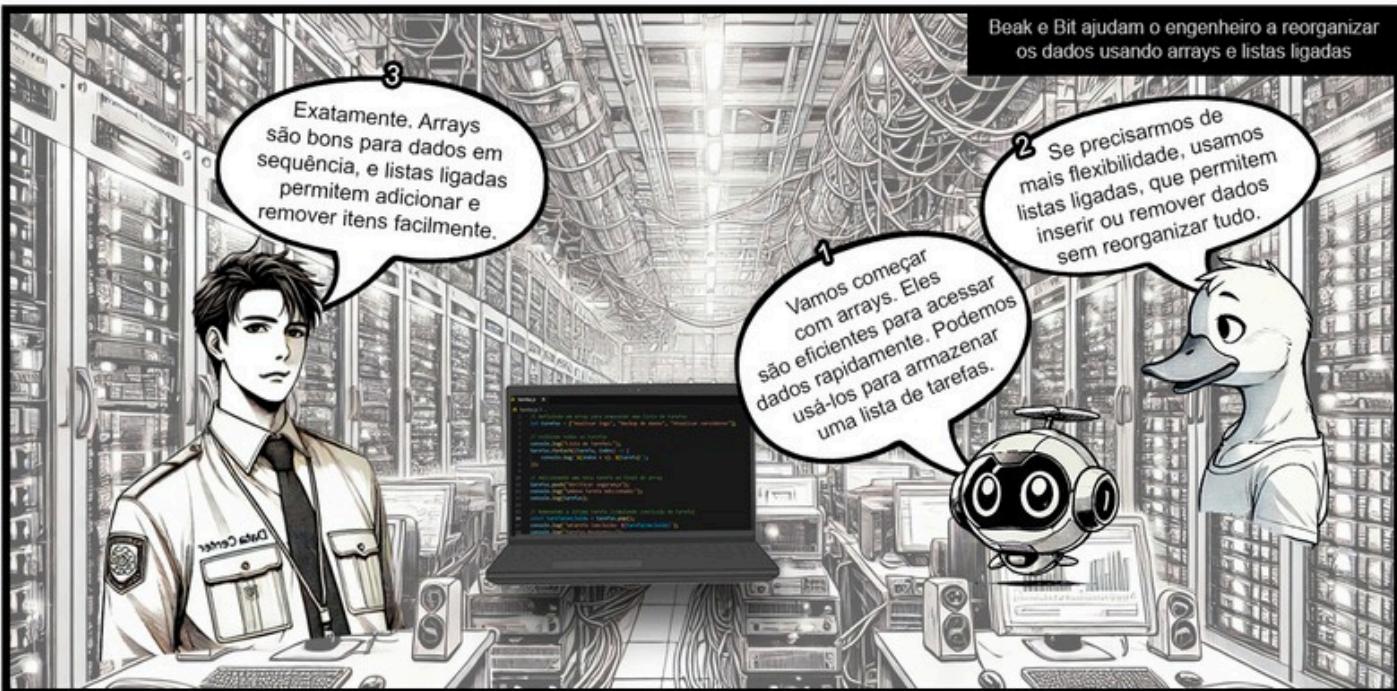
4
Vocês sempre serão bem-vindos aqui. Obrigado por transformarem o armazém!

Com os novos algoritmos implementados, o armazém funciona de forma extremamente eficiente. O gerente agradece a Beak e Bit.

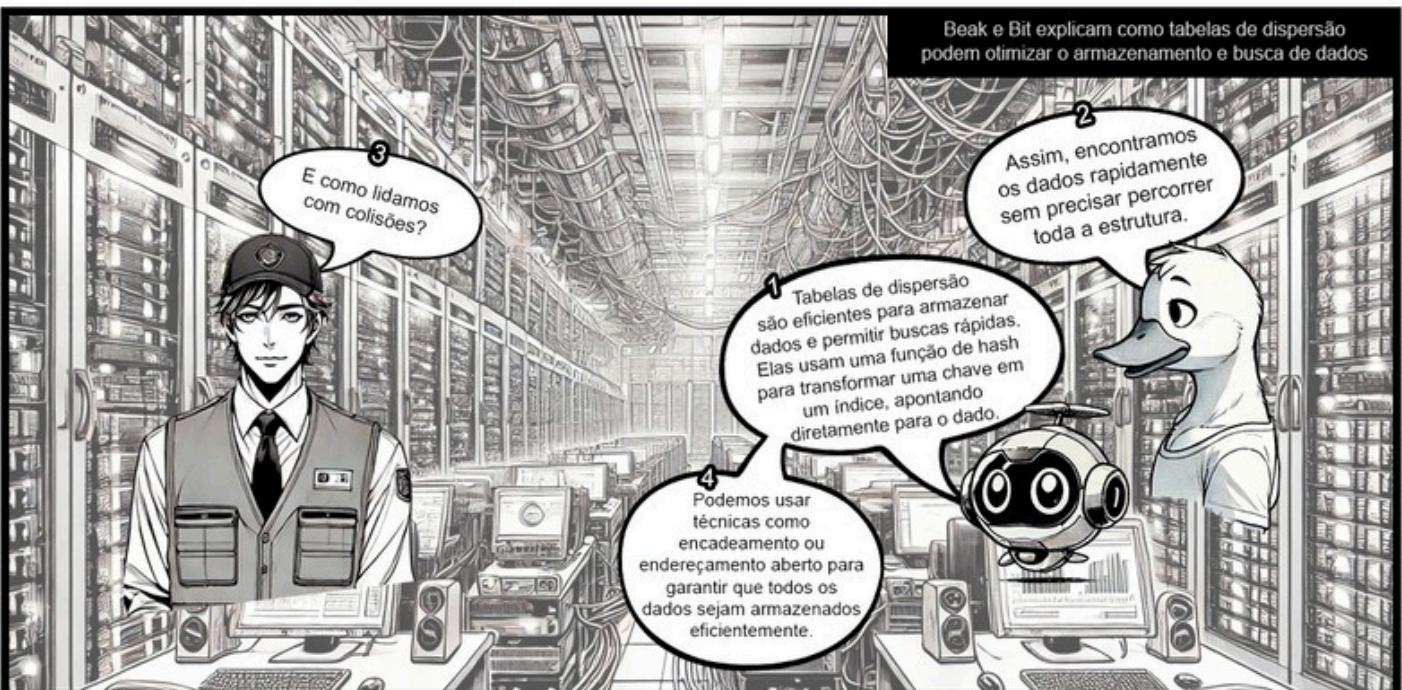
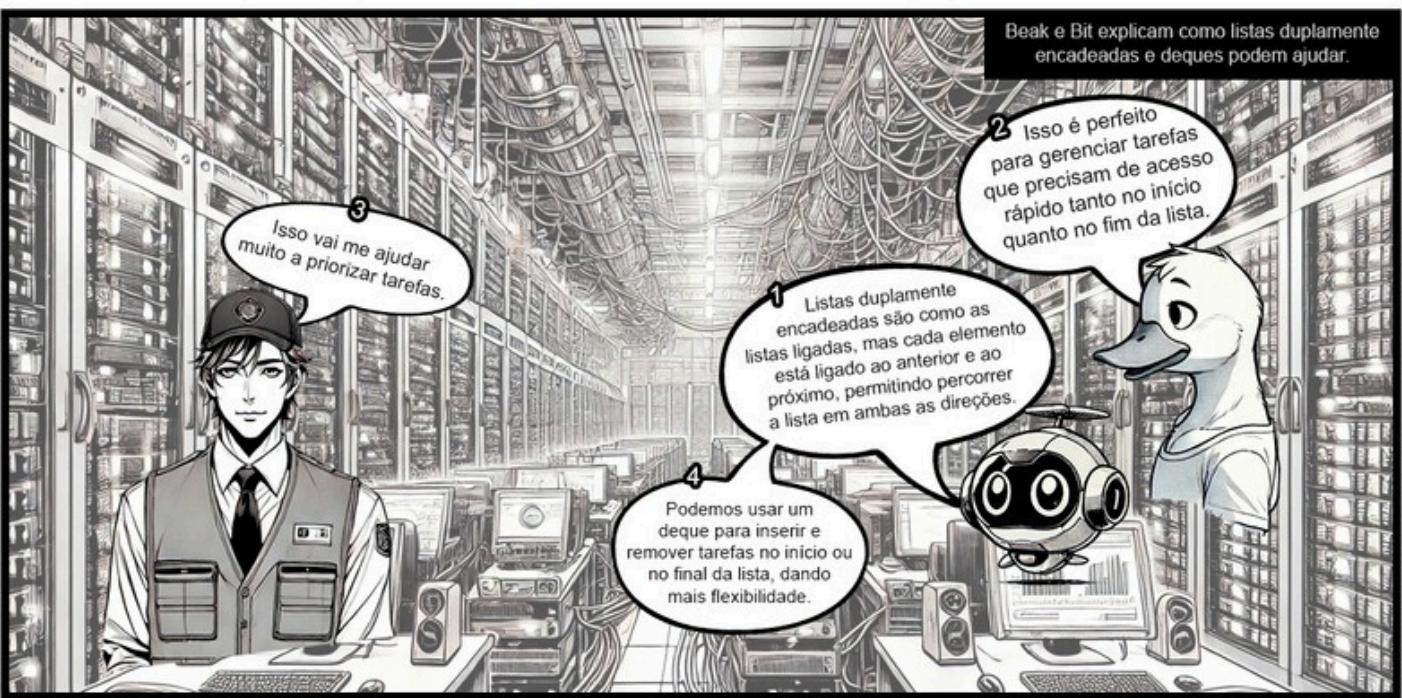
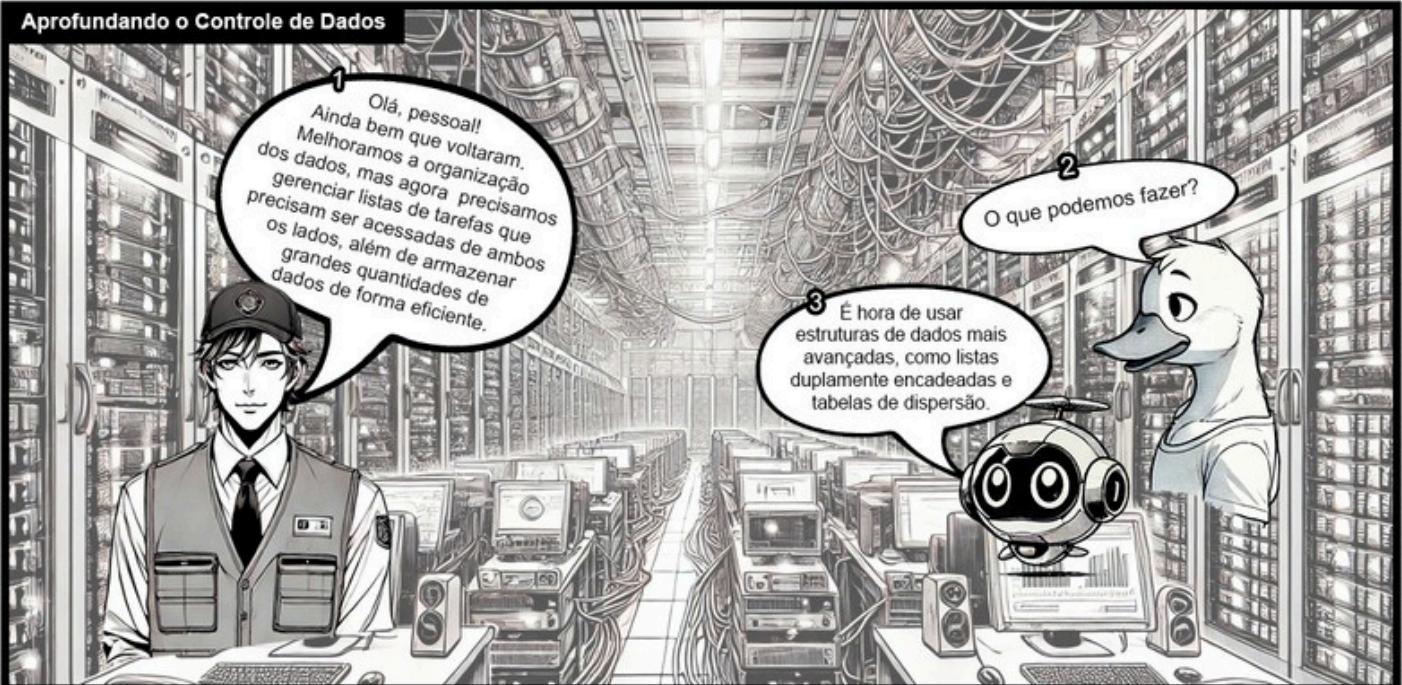
Explorando o Coração do Data Center



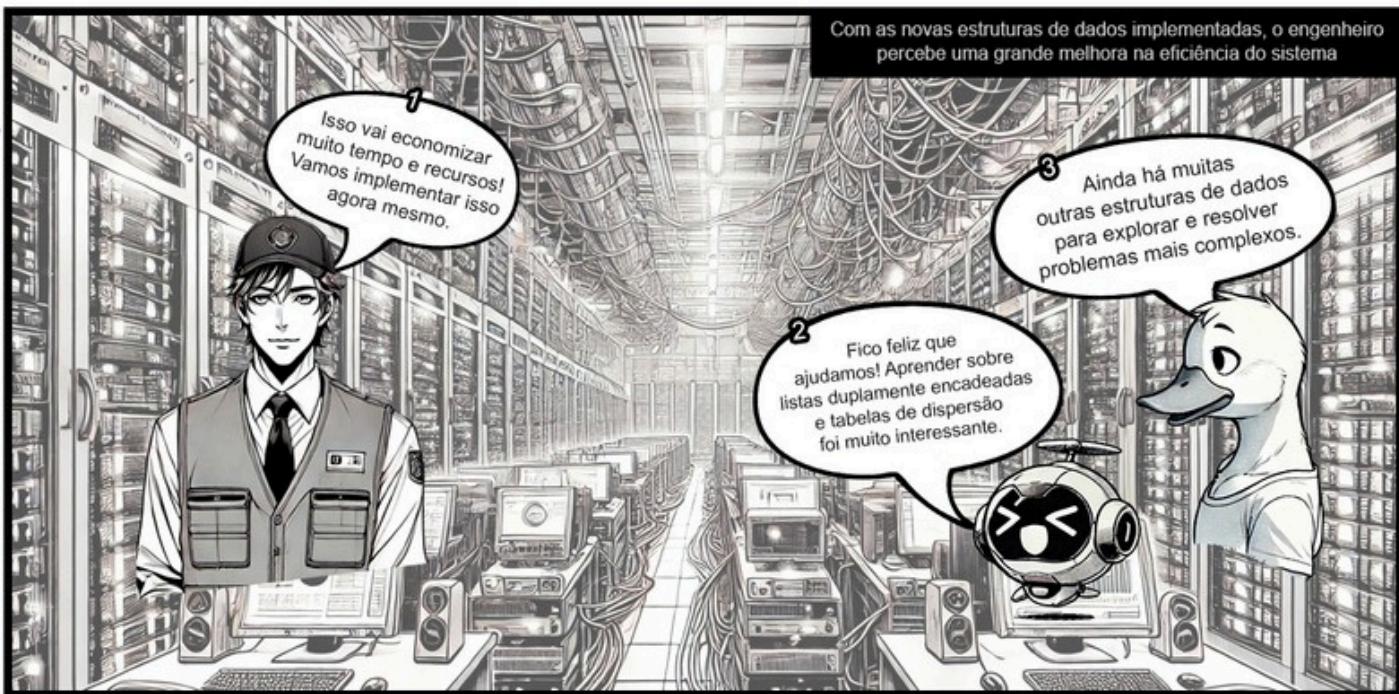
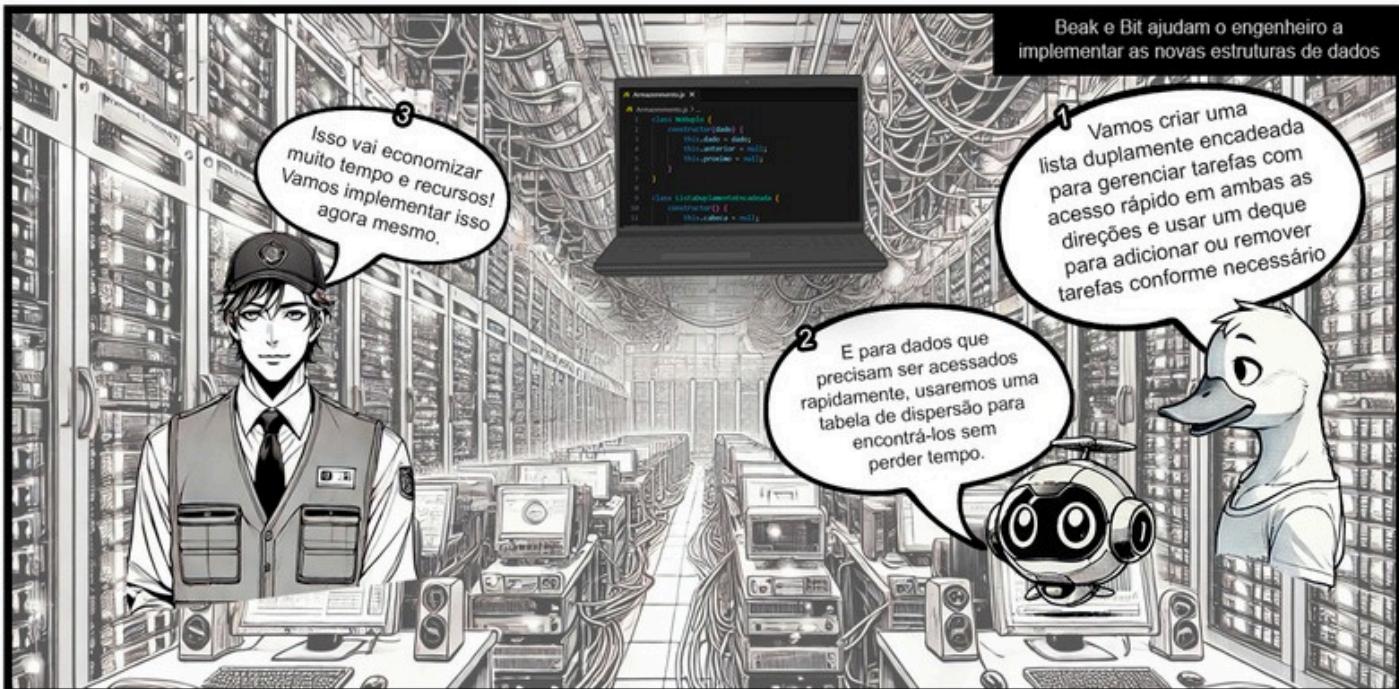
Beak e Bit ajudam o engenheiro a reorganizar os dados usando arrays e listas ligadas

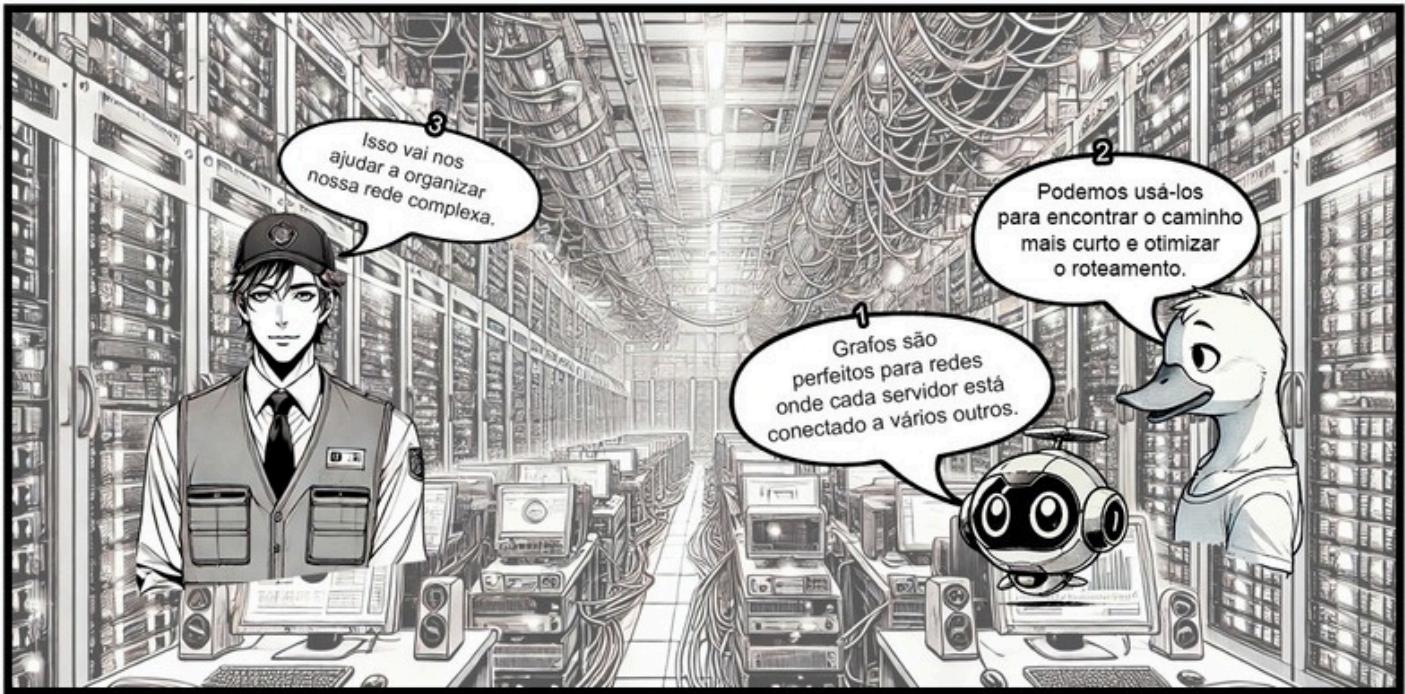
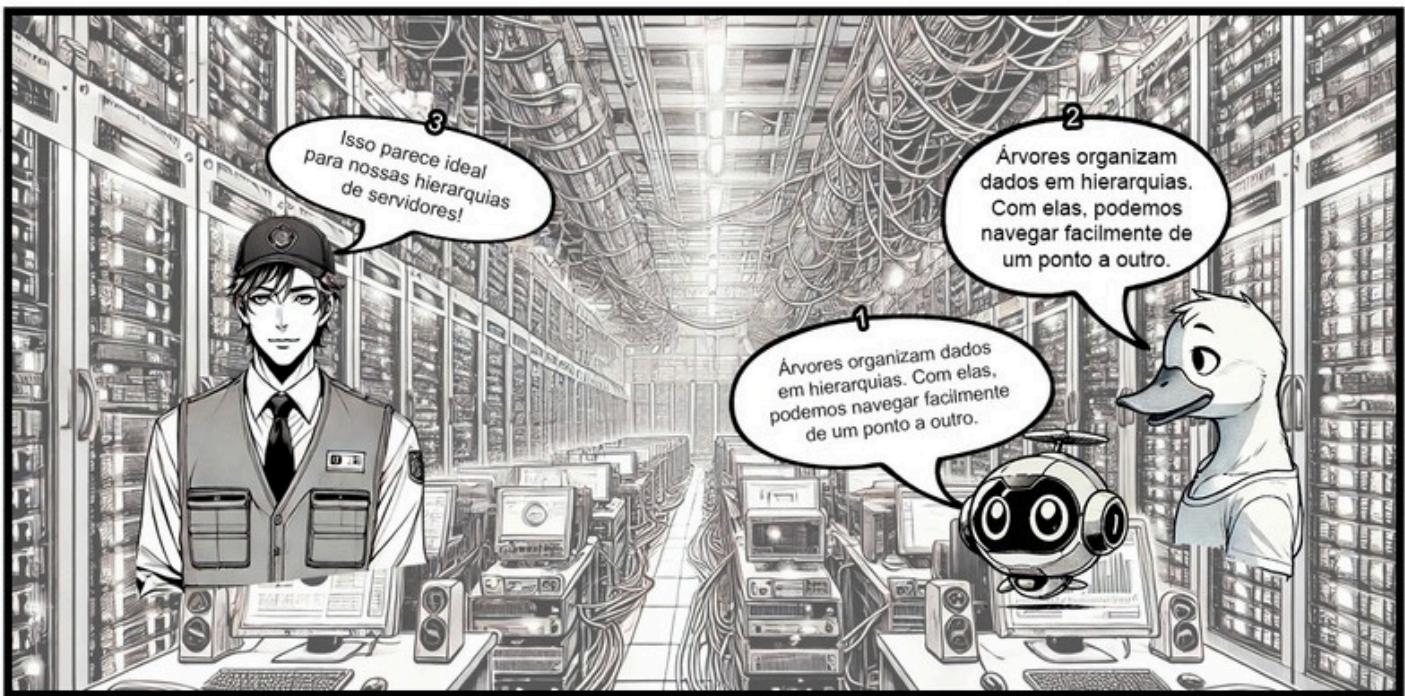
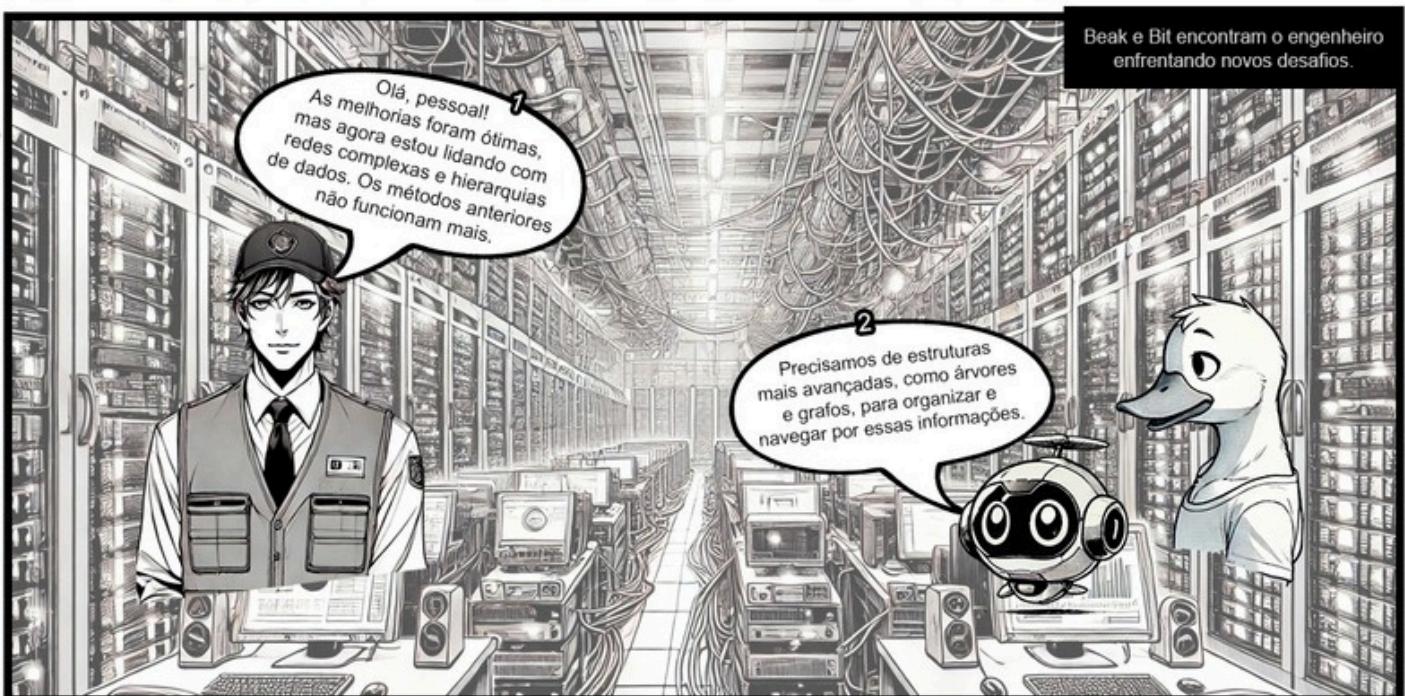


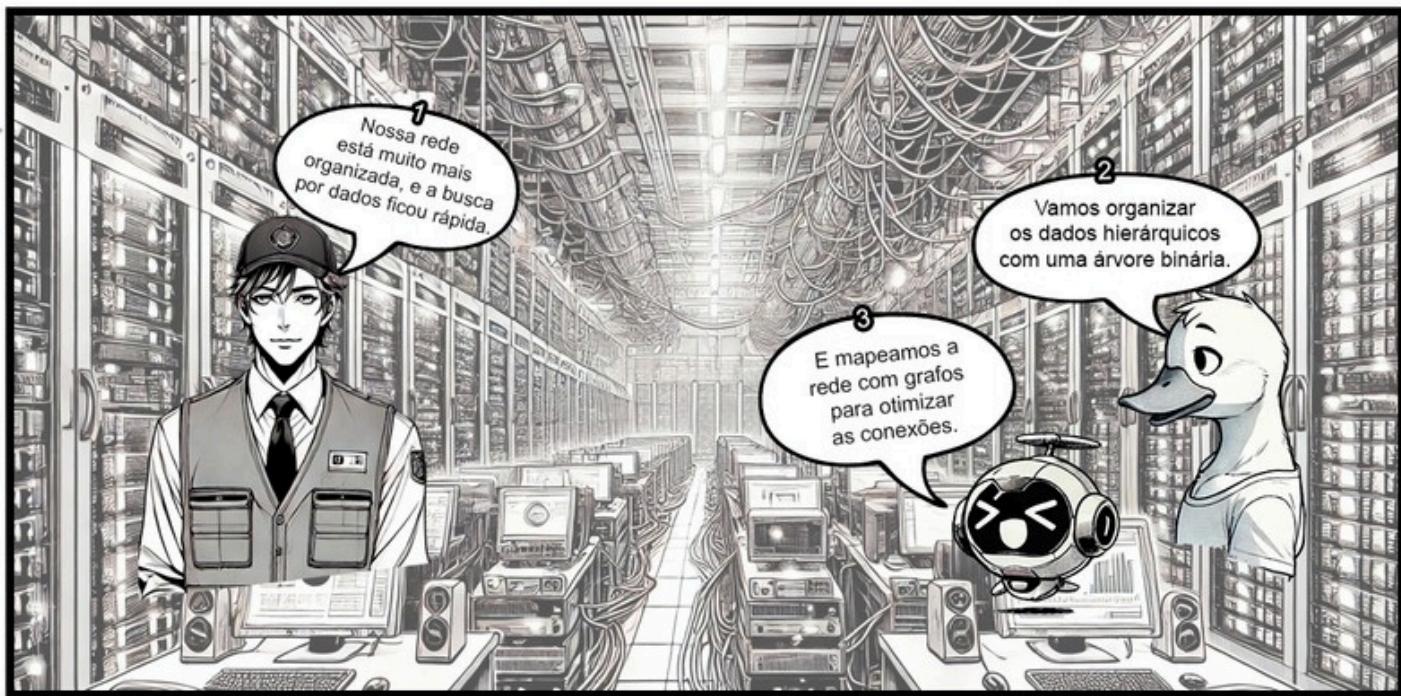
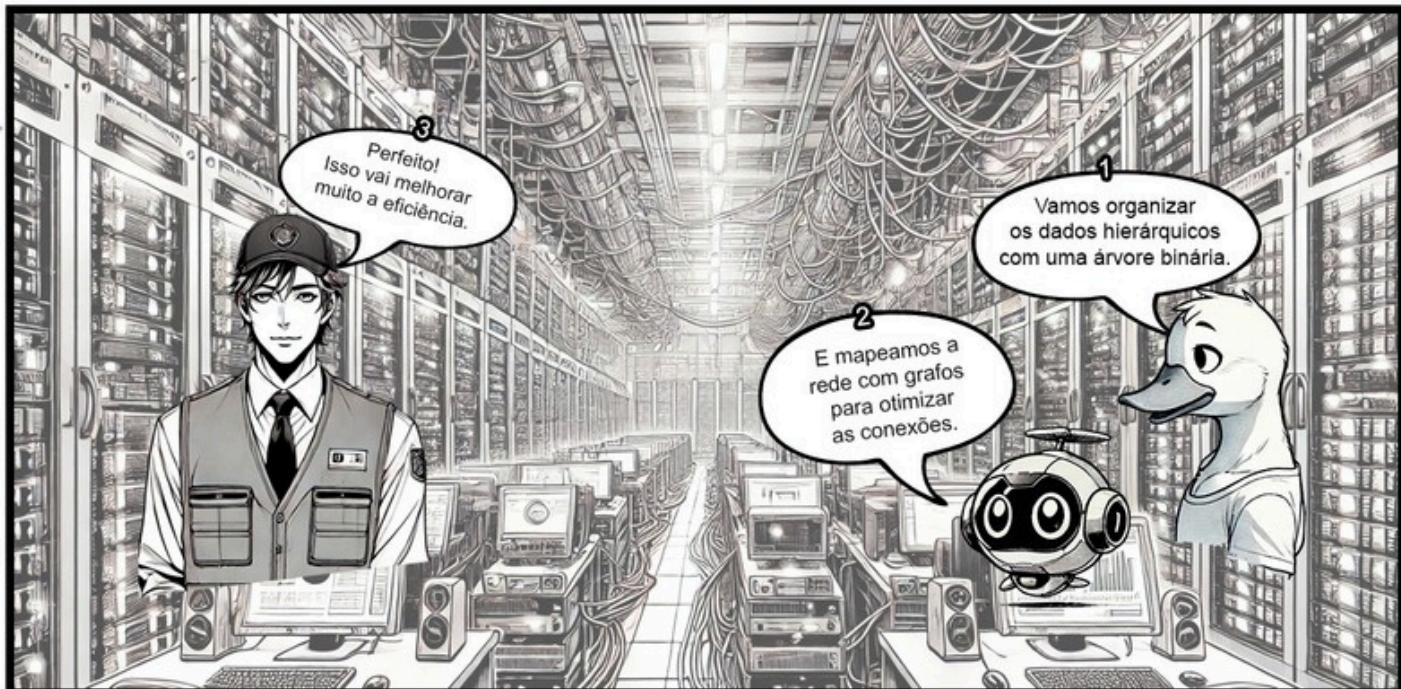
Aprofundando o Controle de Dados



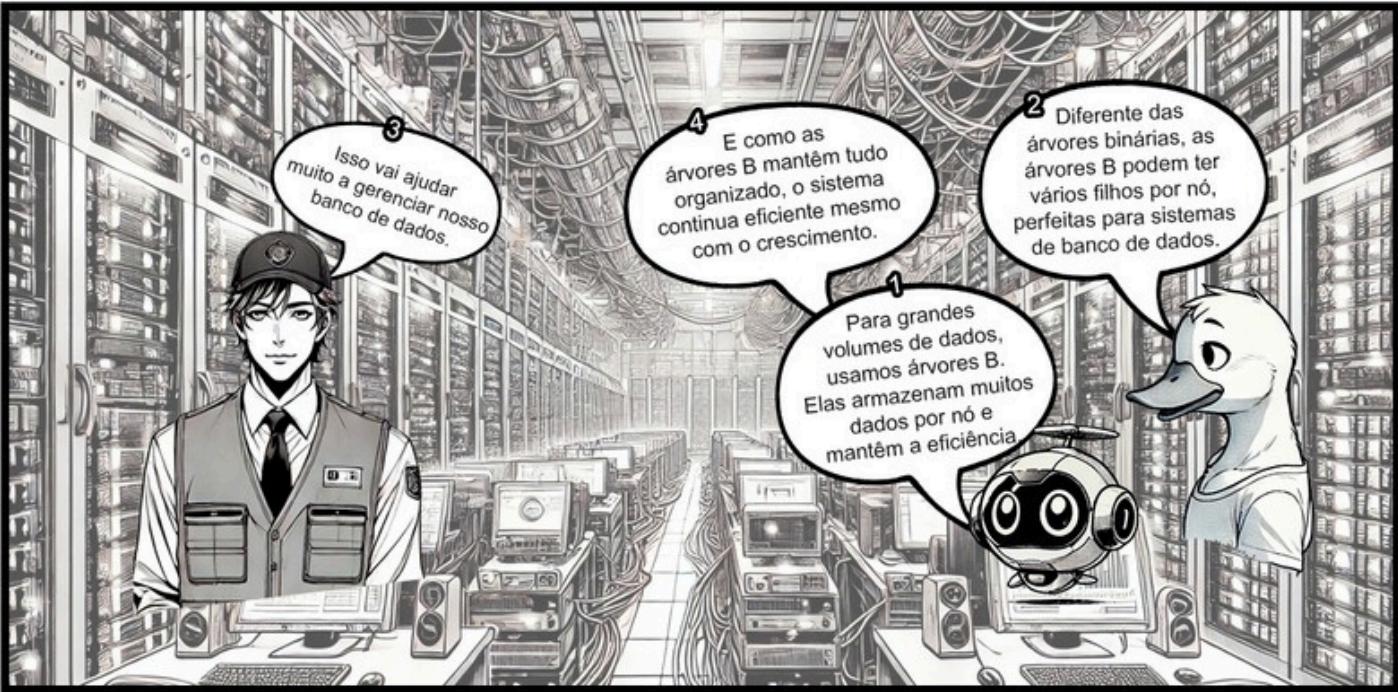
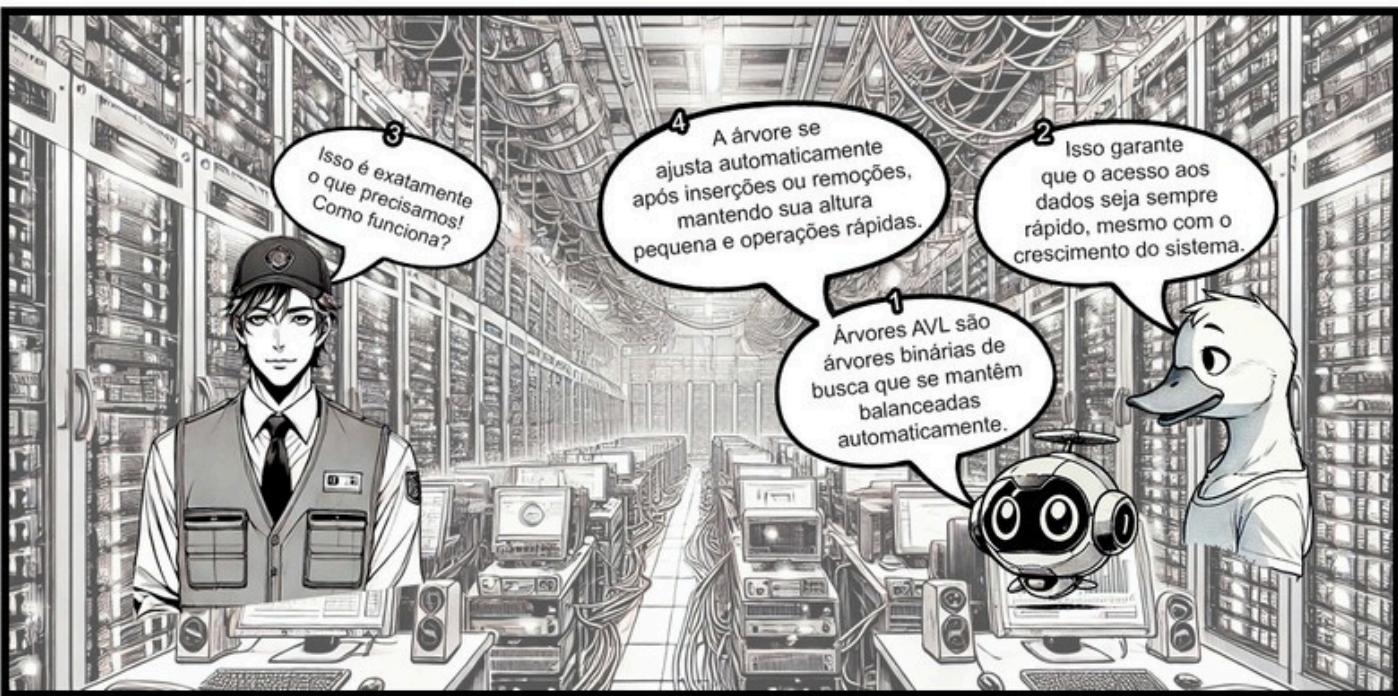
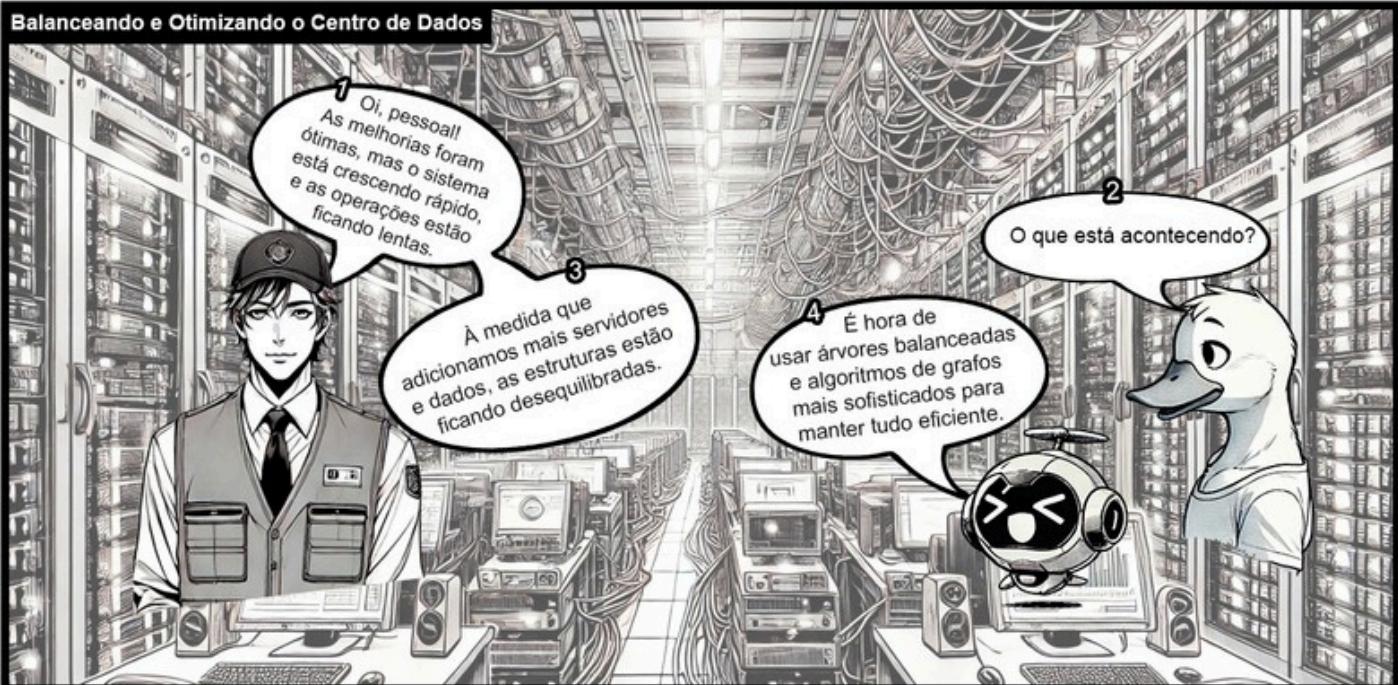
Beak e Bit ajudam o engenheiro a implementar as novas estruturas de dados

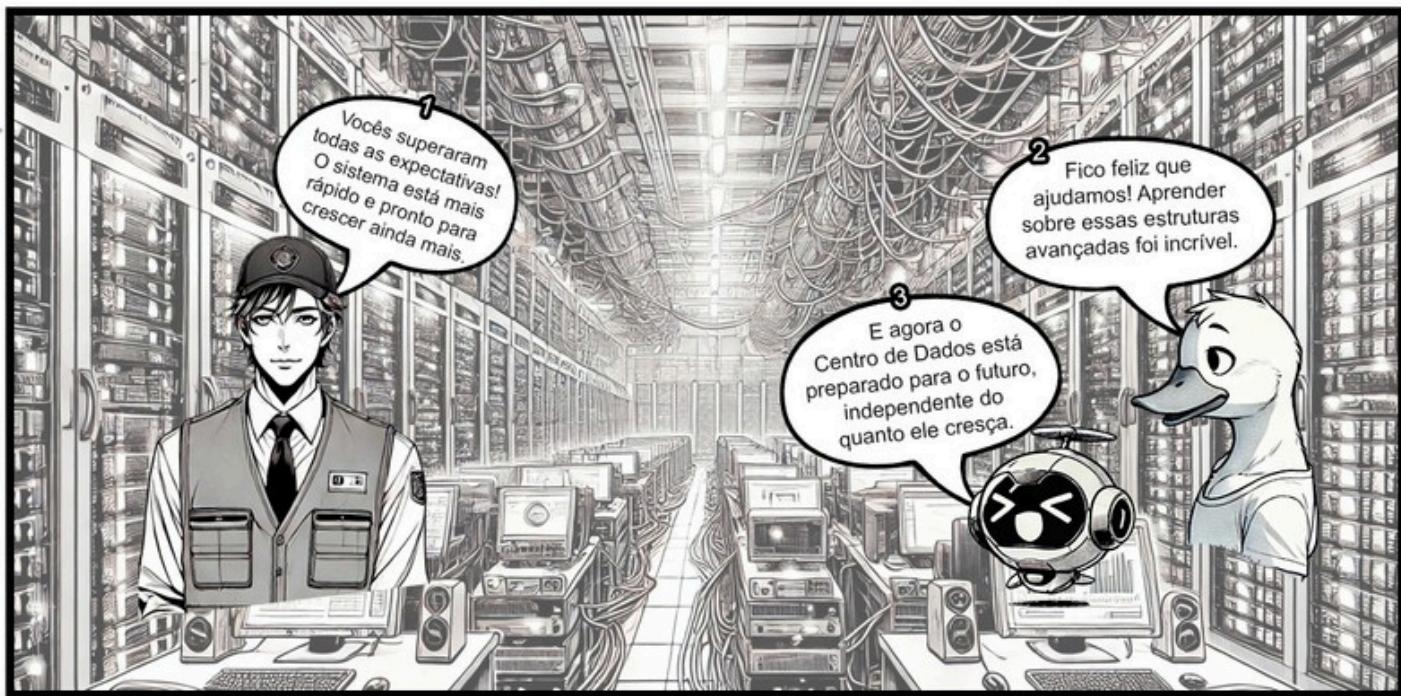




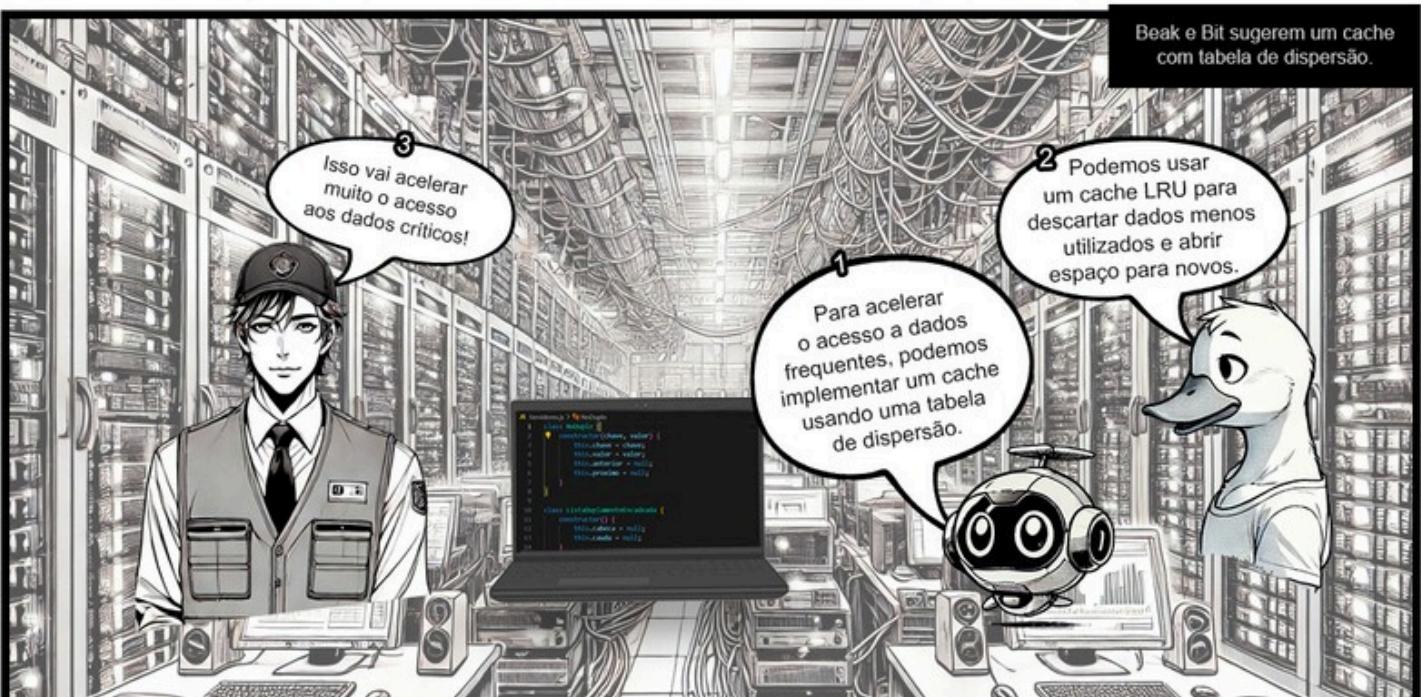
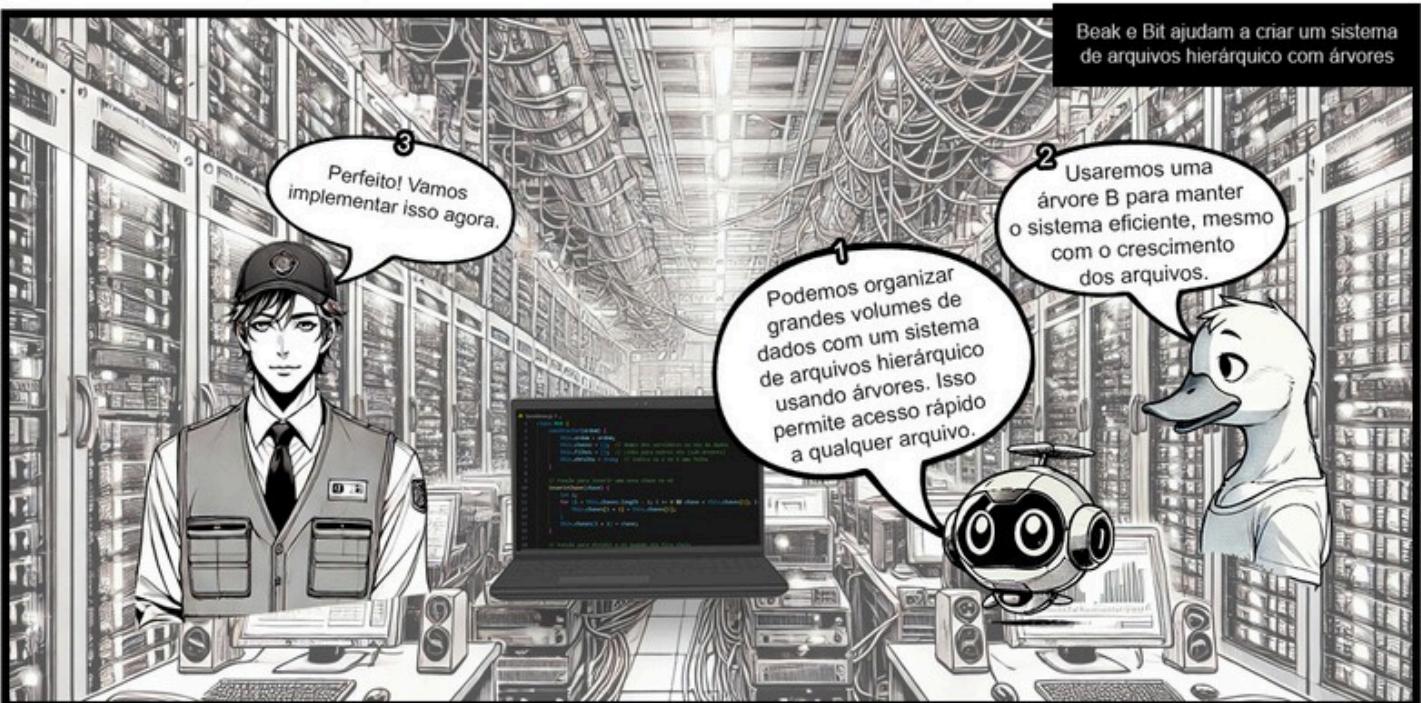
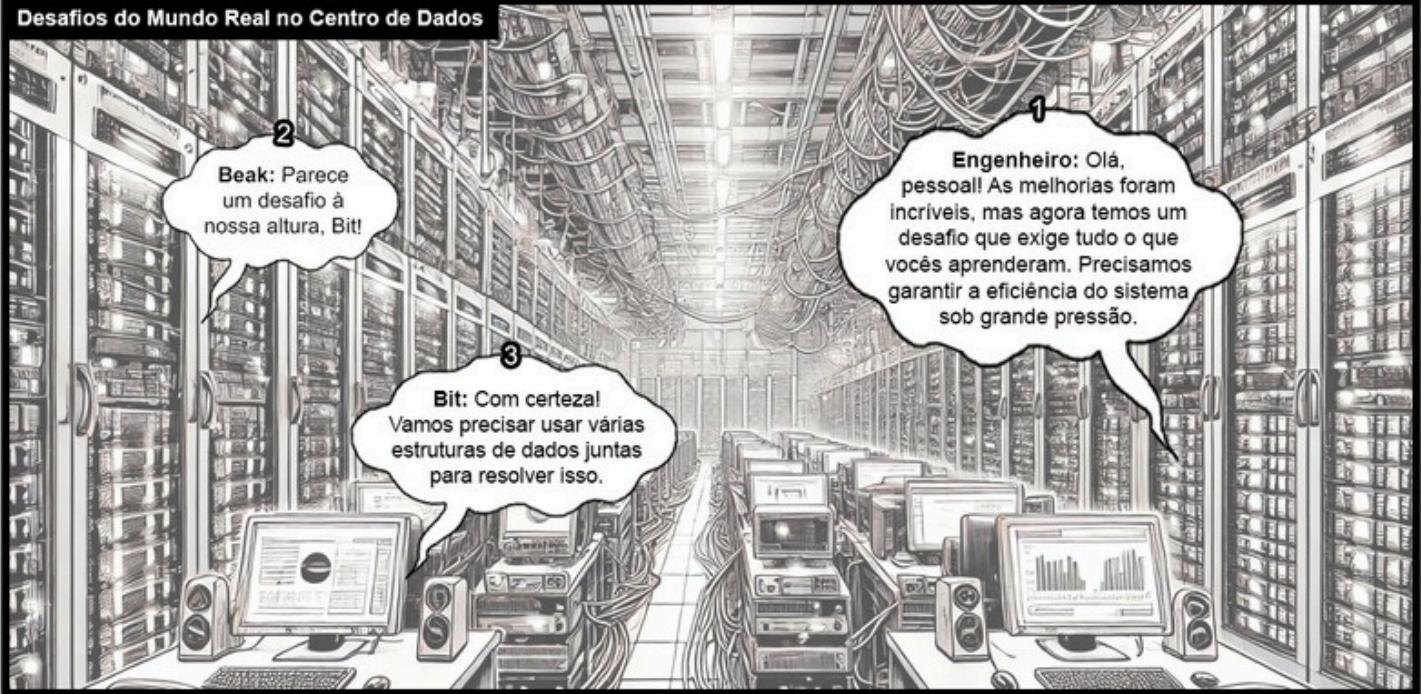


Balanceando e Otimizando o Centro de Dados

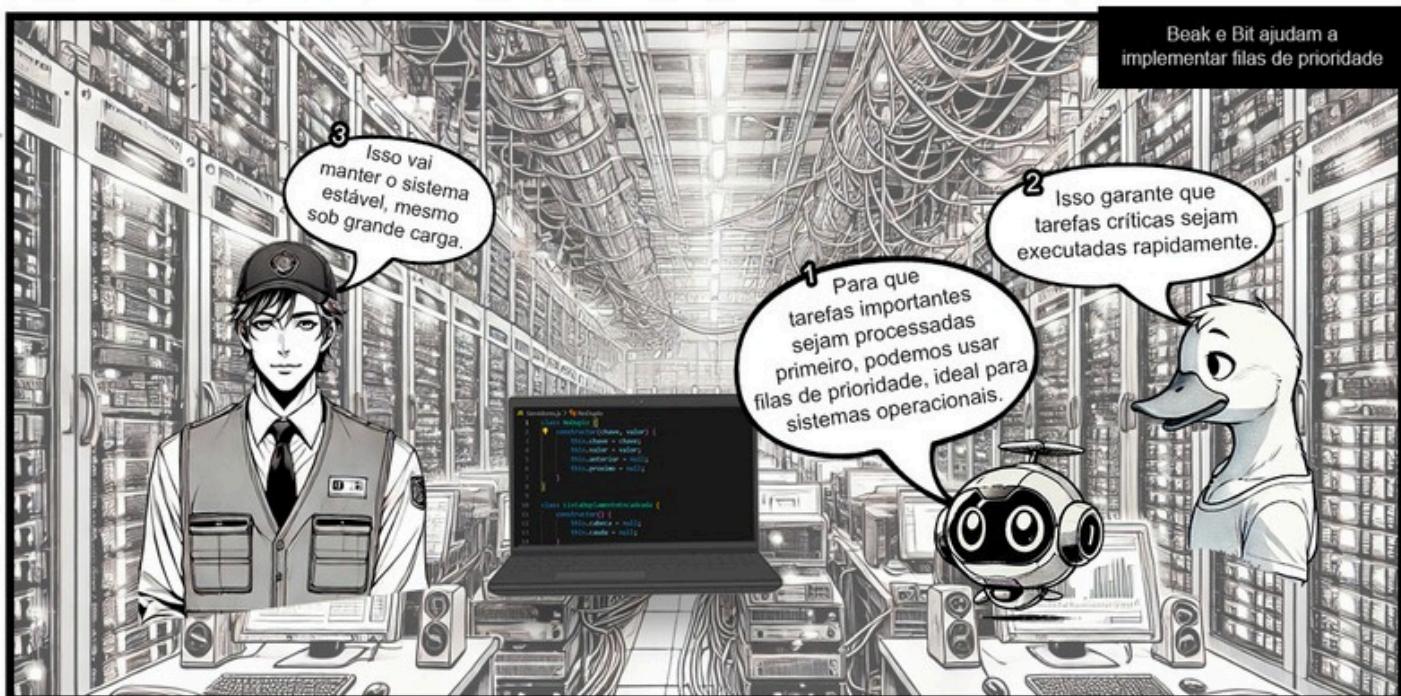




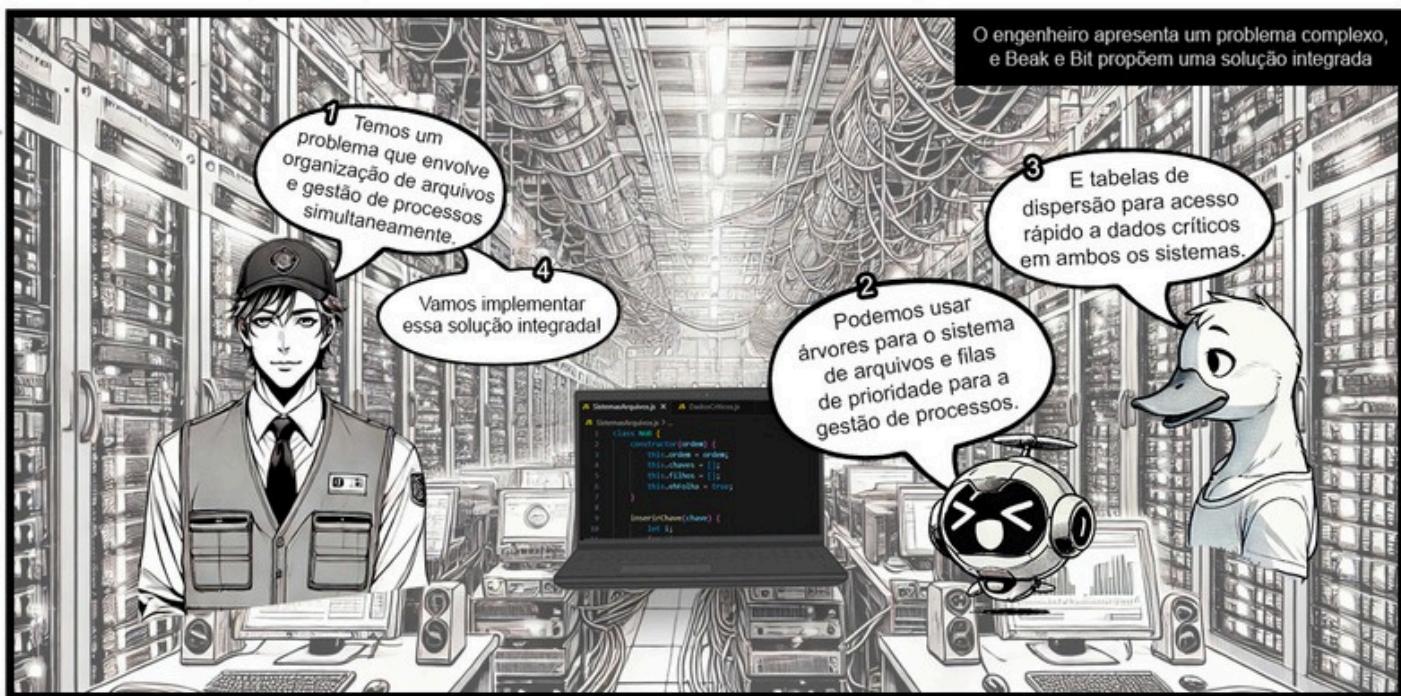
Desafios do Mundo Real no Centro de Dados



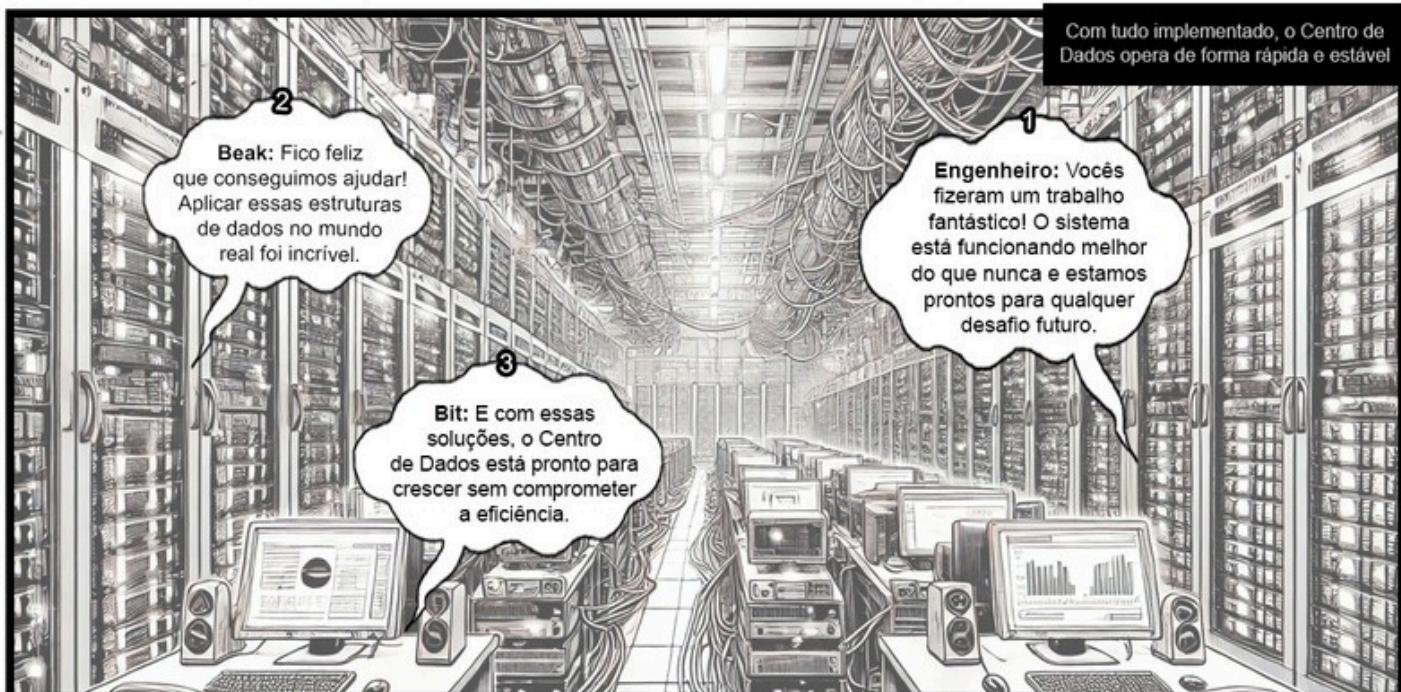
Beak e Bit ajudam a implementar filas de prioridade



O engenheiro apresenta um problema complexo, e Beak e Bit propõem uma solução integrada



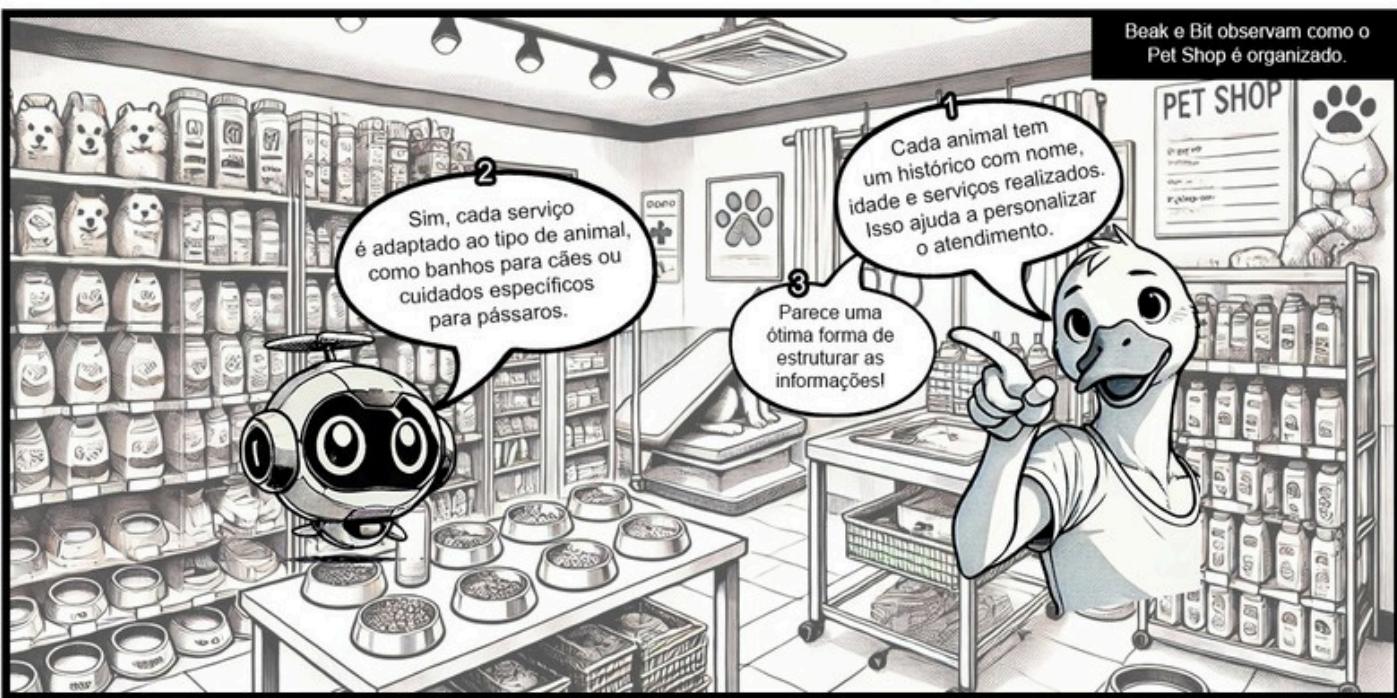
Com tudo implementado, o Centro de Dados opera de forma rápida e estável



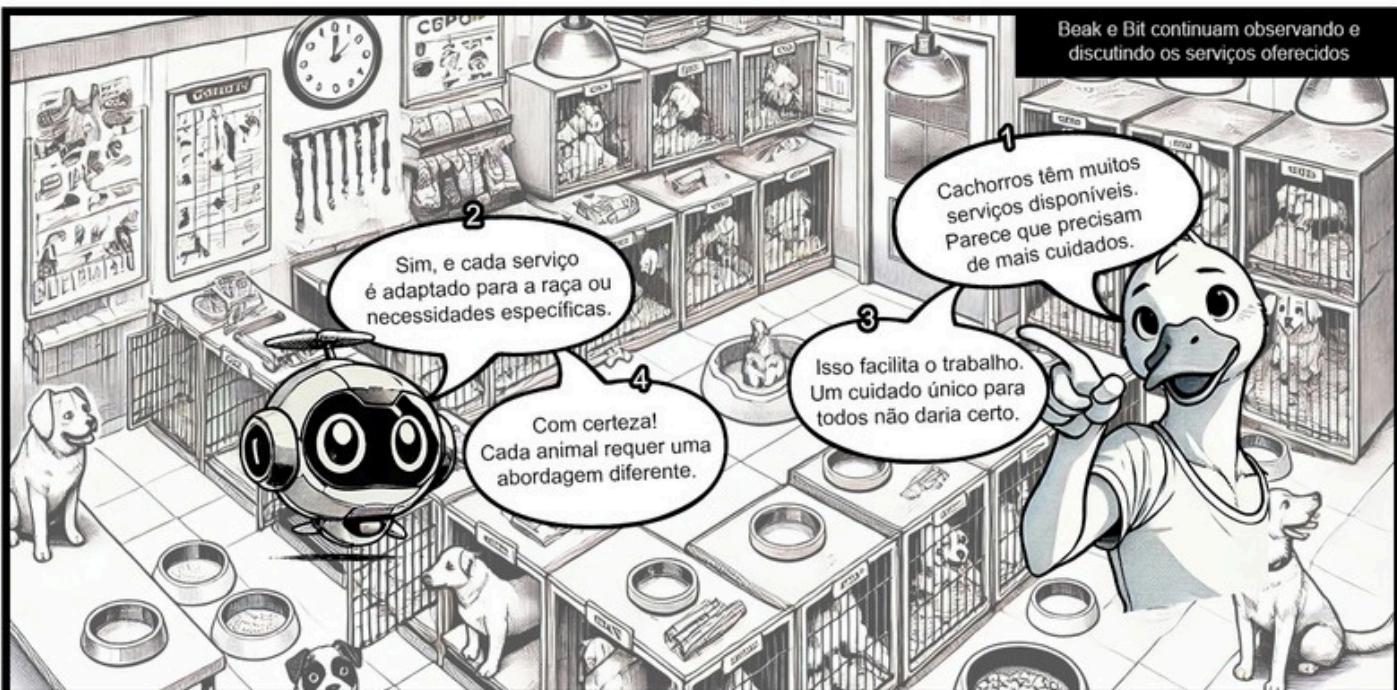
Um dia no Petshop



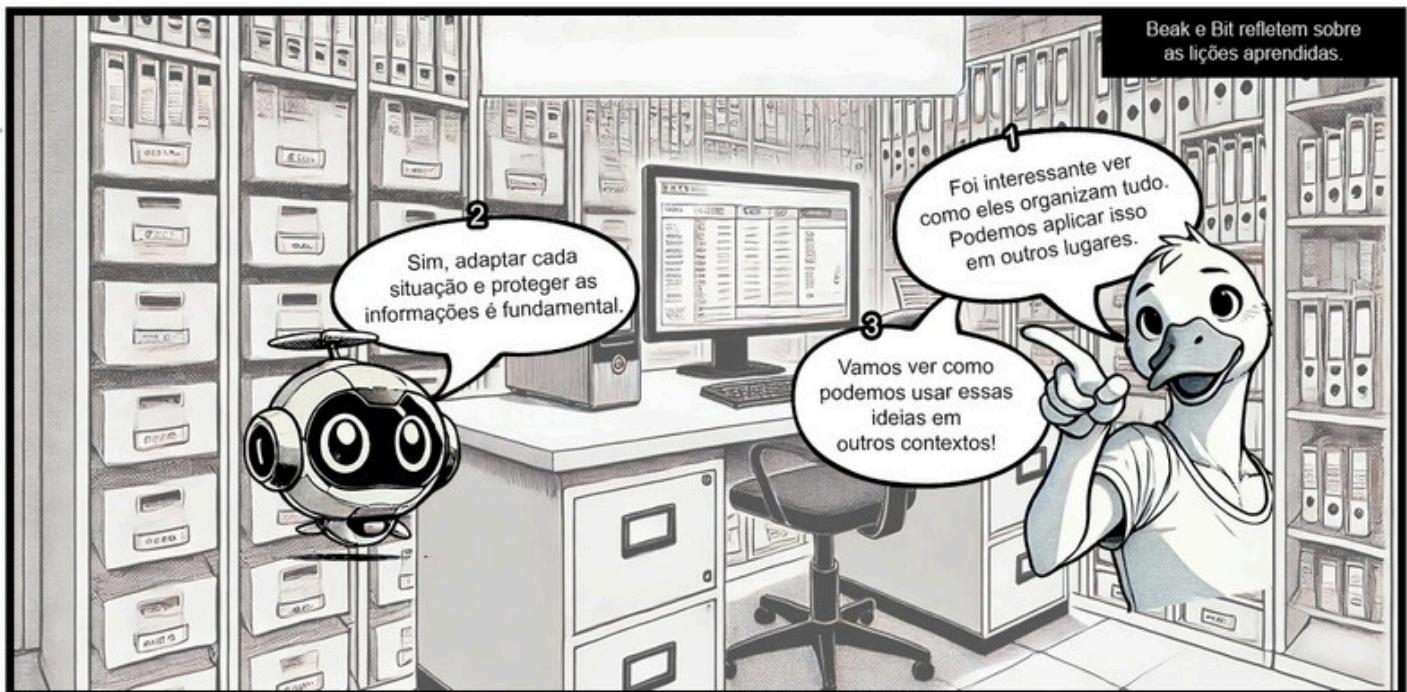
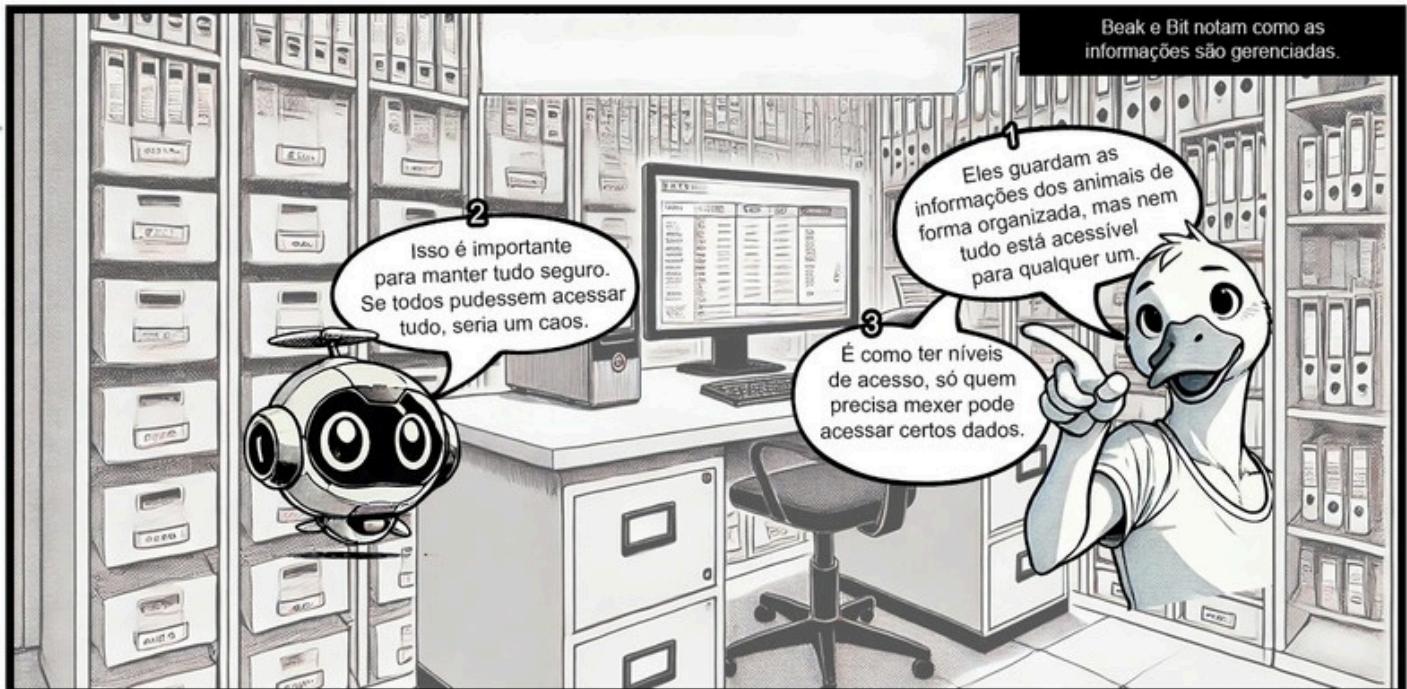
Beak e Bit observam como o Pet Shop é organizado.



Beak e Bit continuam observando e discutindo os serviços oferecidos



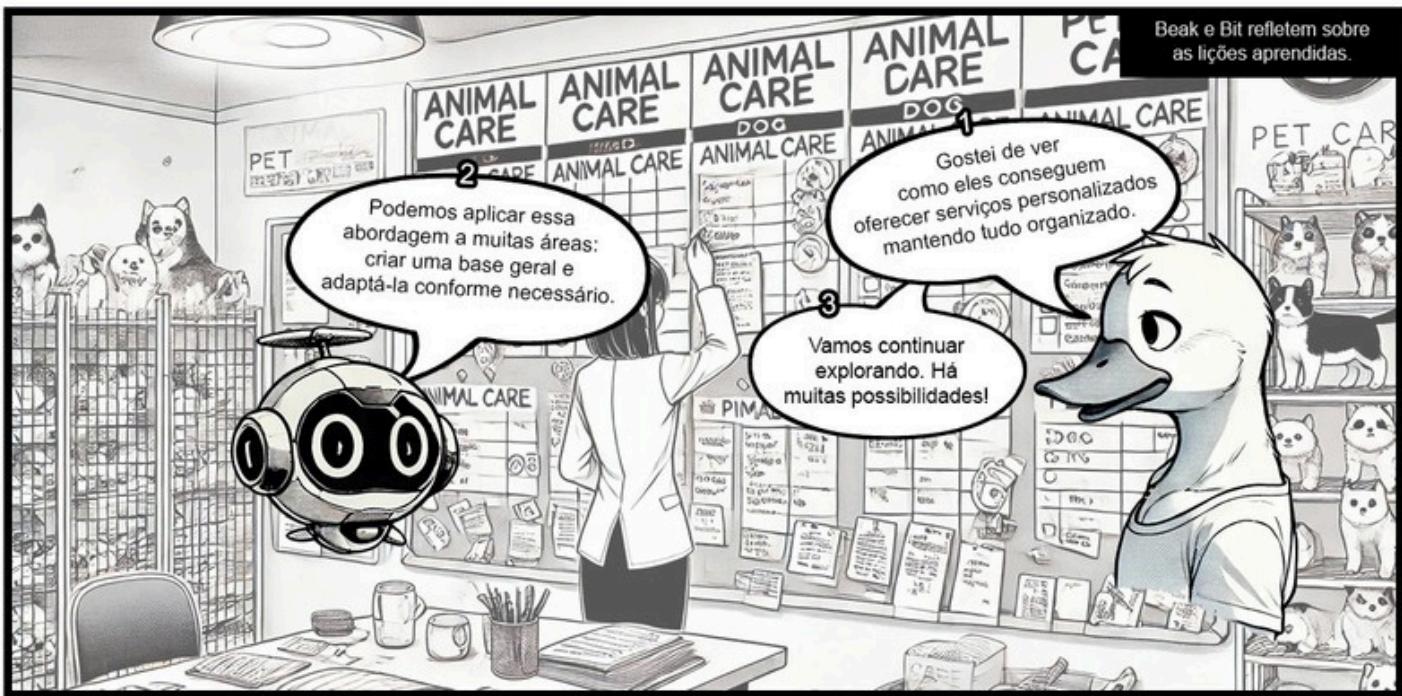
Beak e Bit notam como as informações são gerenciadas.



Explorando as Diferenças no Pet Shop



Beak e Bit discutem como organizar os cuidados do Pet Shop.



A Flexibilidade no Cuidado dos Animais



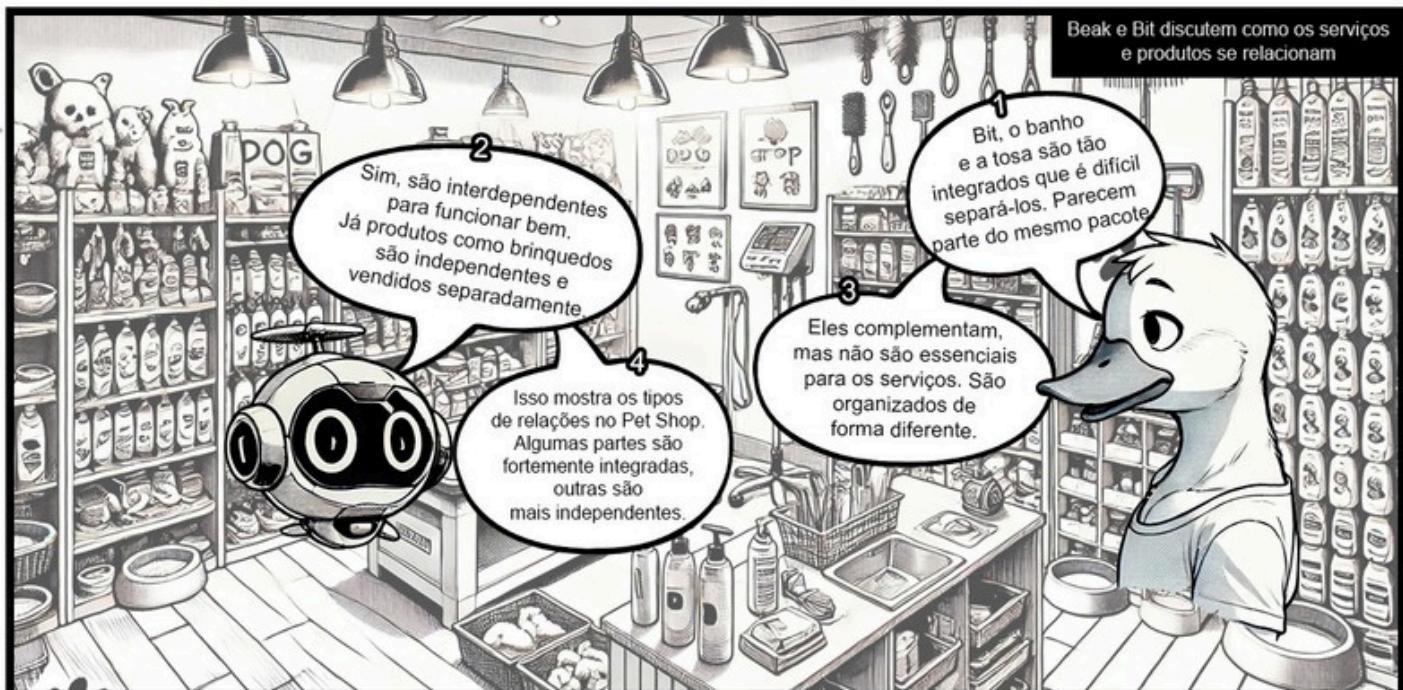
Beak e Bit discutem a aplicação da flexibilidade em outros contextos



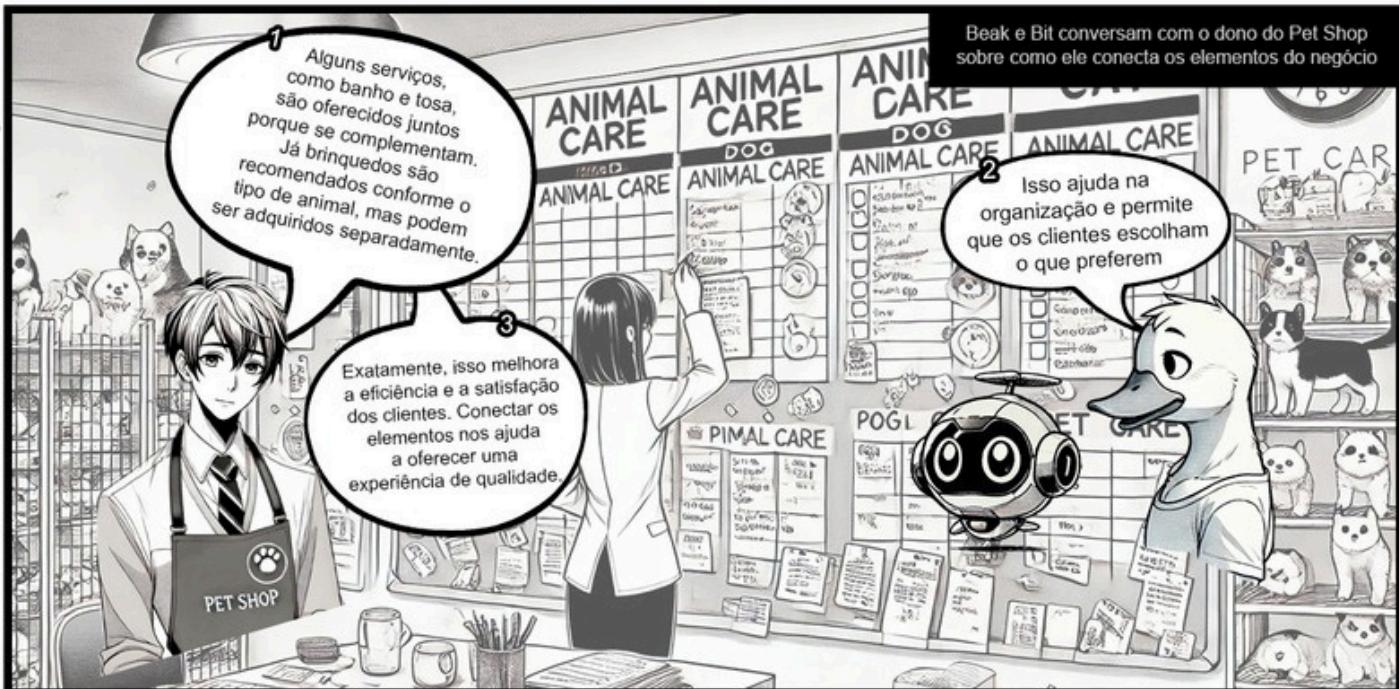
Beak e Bit refletem sobre os conceitos de flexibilidade e adaptação



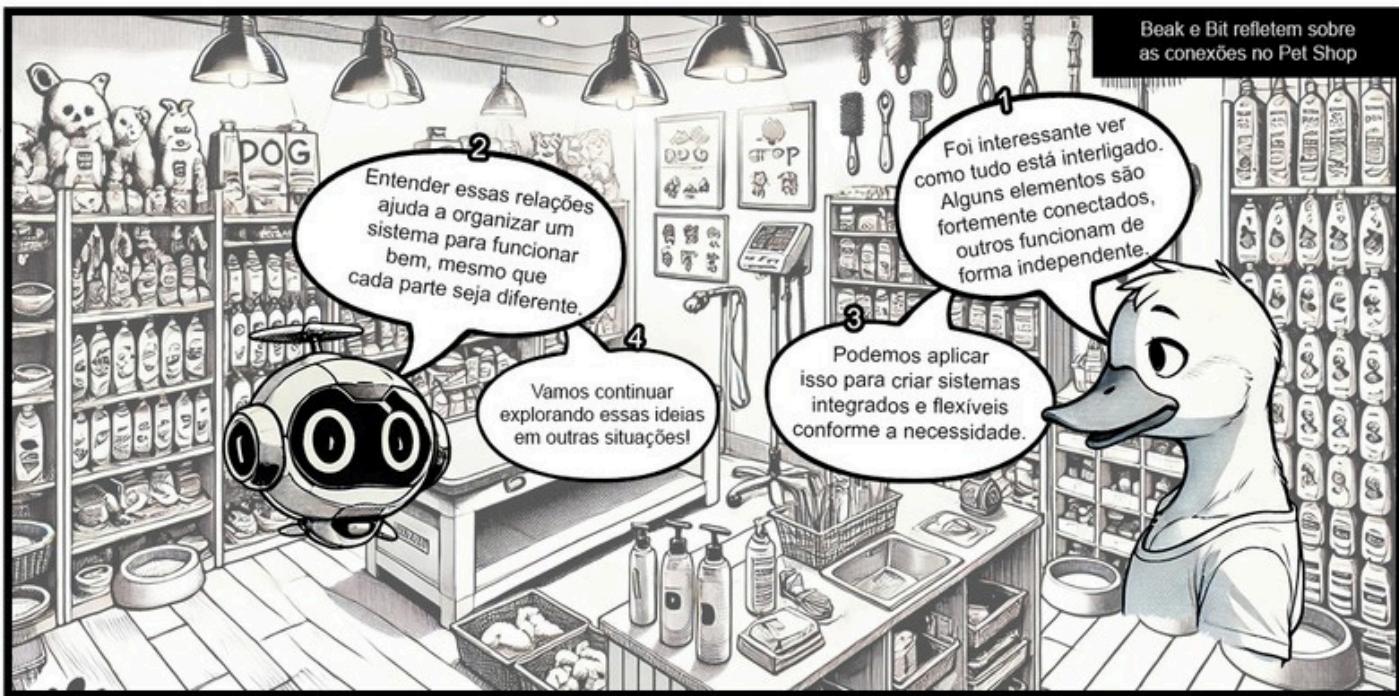
Conectando as Peças no Pet Shop



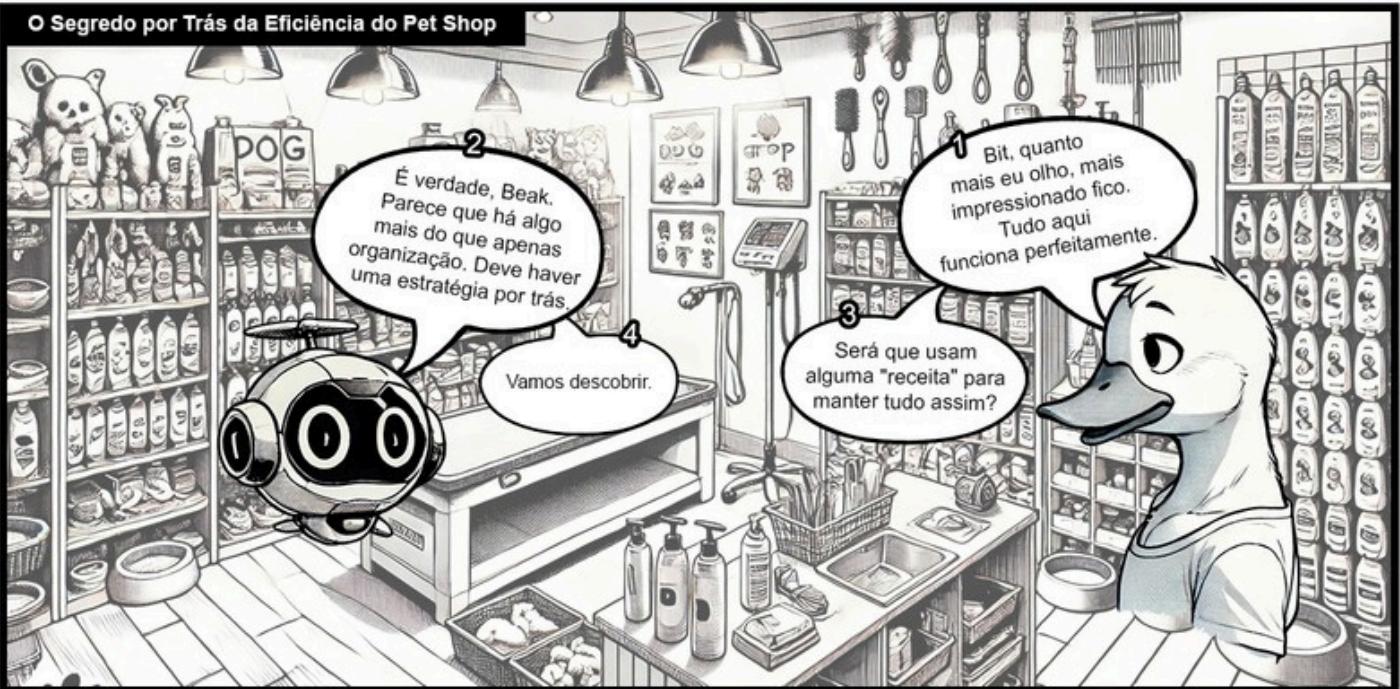
Beak e Bit conversam com o dono do Pet Shop sobre como ele conecta os elementos do negócio



Beak e Bit refletem sobre as conexões no Pet Shop



O Segredo por Trás da Eficiência do Pet Shop



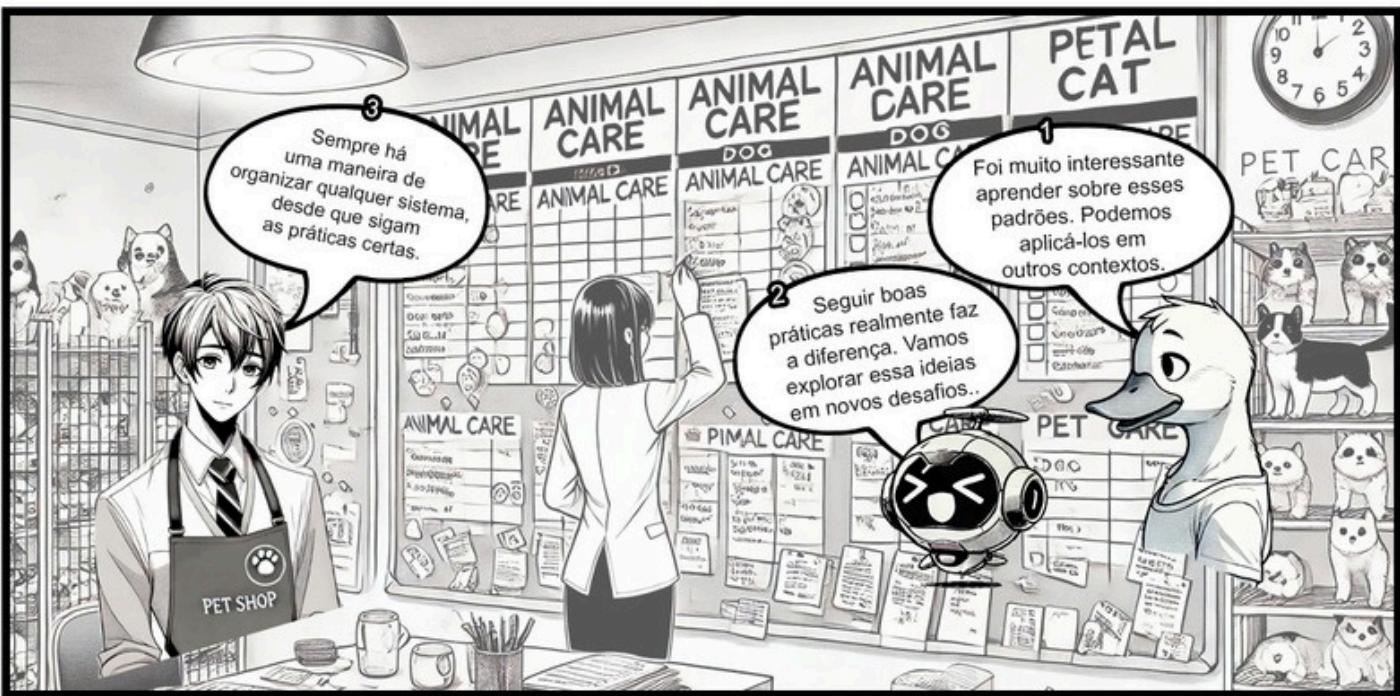
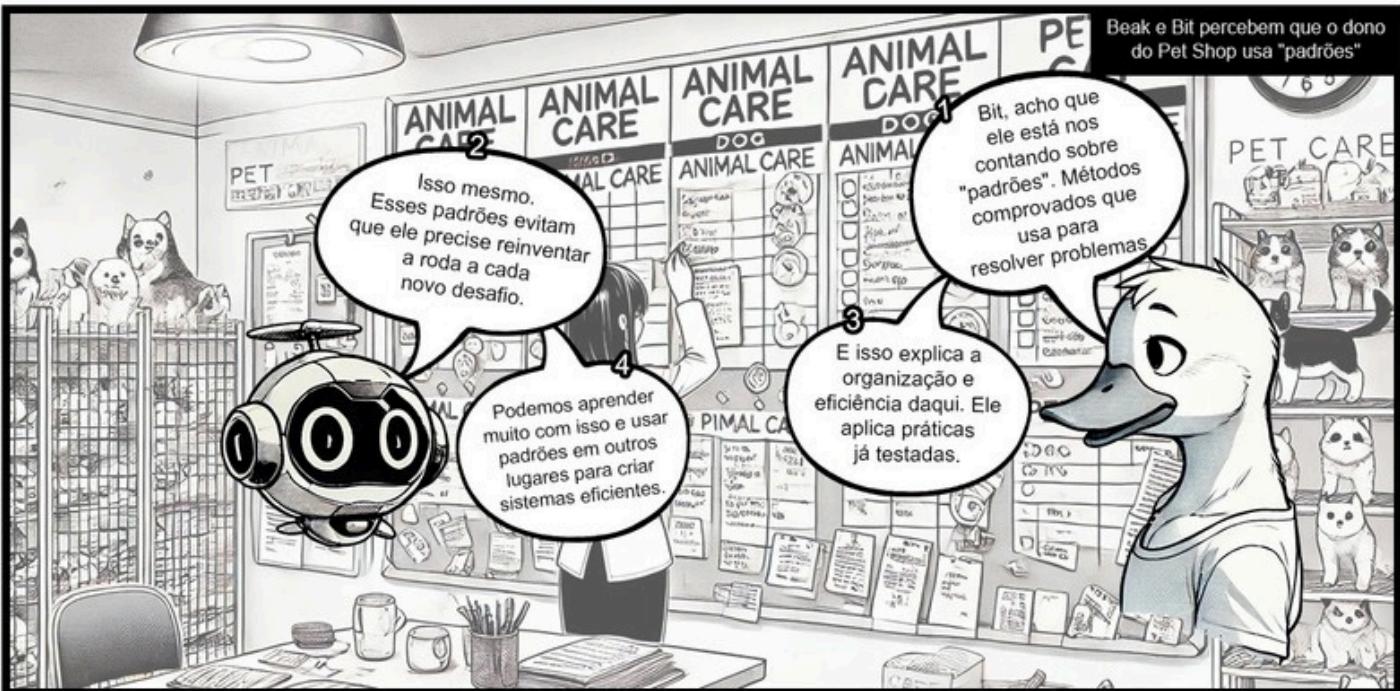
Beak e Bit perguntam ao dono do Pet Shop sobre a eficiência



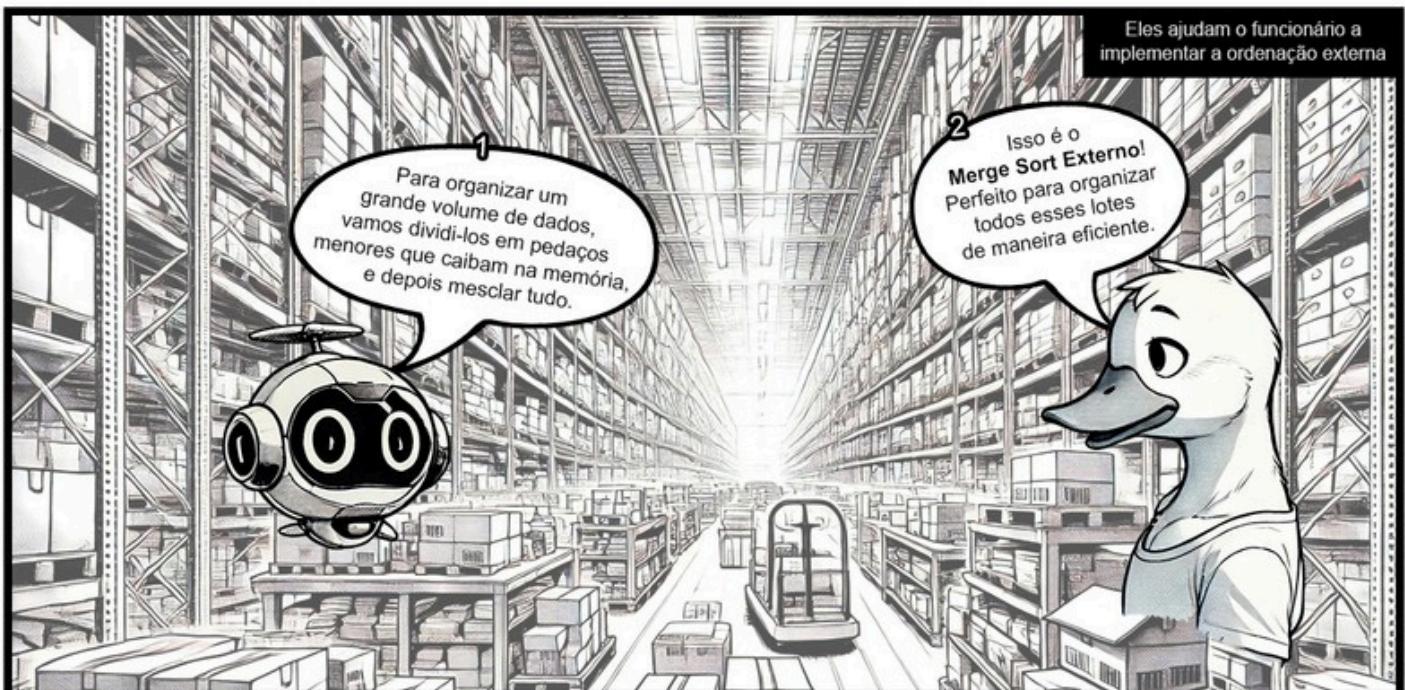
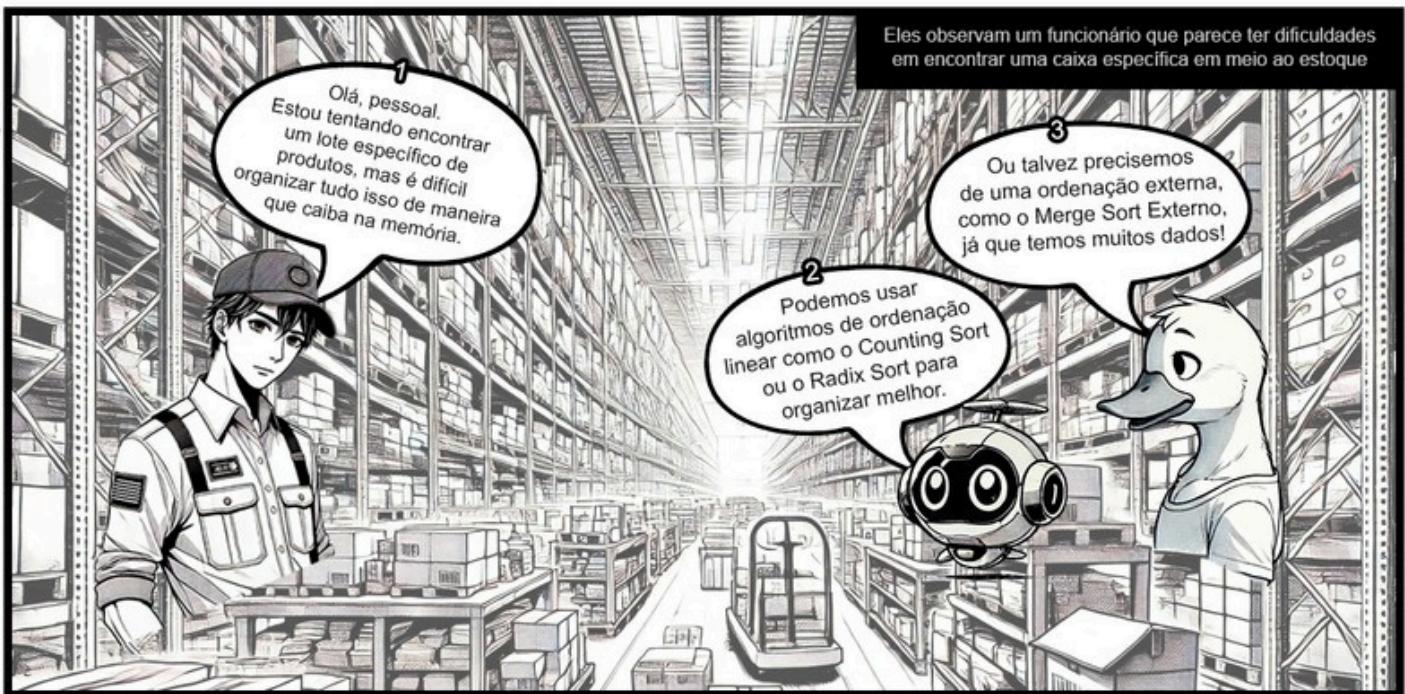
O dono do Pet Shop explica suas práticas.



Beak e Bit percebem que o dono do Pet Shop usa "padrões"



O Labirinto do Supermercado



Depois de ordenarem, Beak e Bit ajudam o funcionário a encontrar os produtos rapidamente

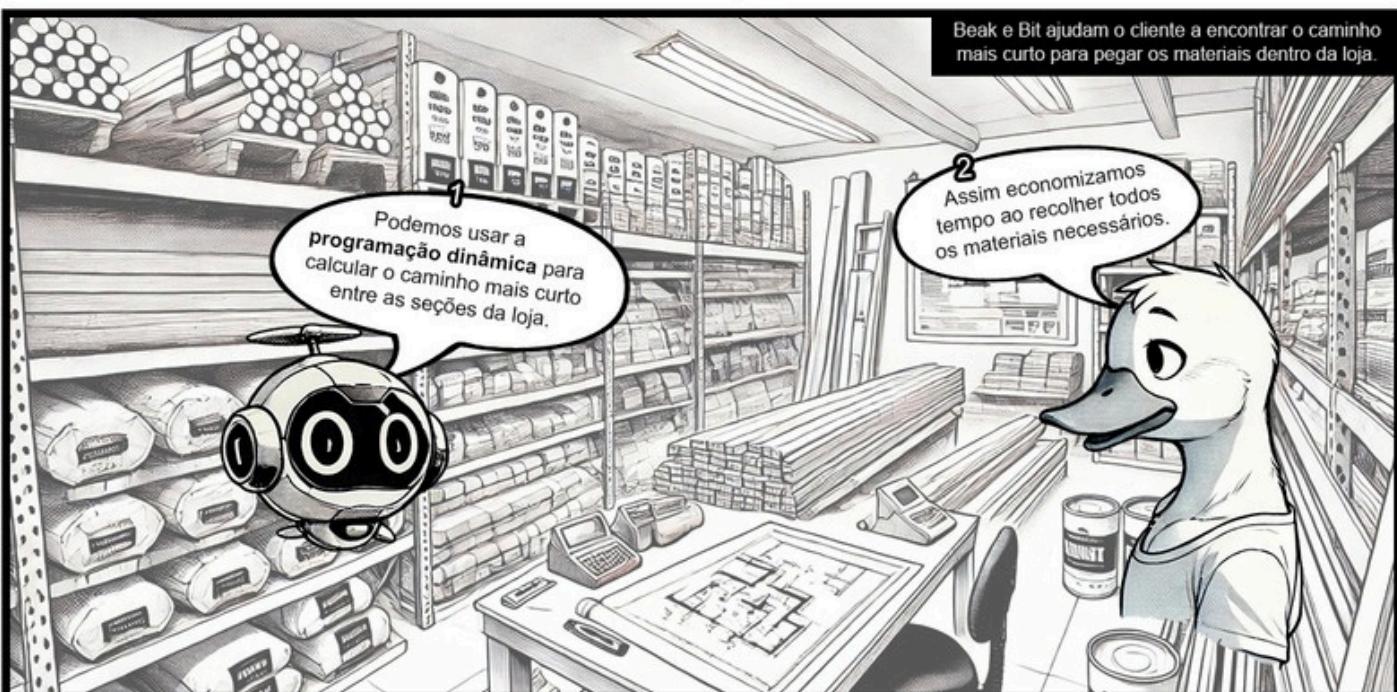


Com tudo organizado e as tabelas criadas, o funcionário fica aliviado

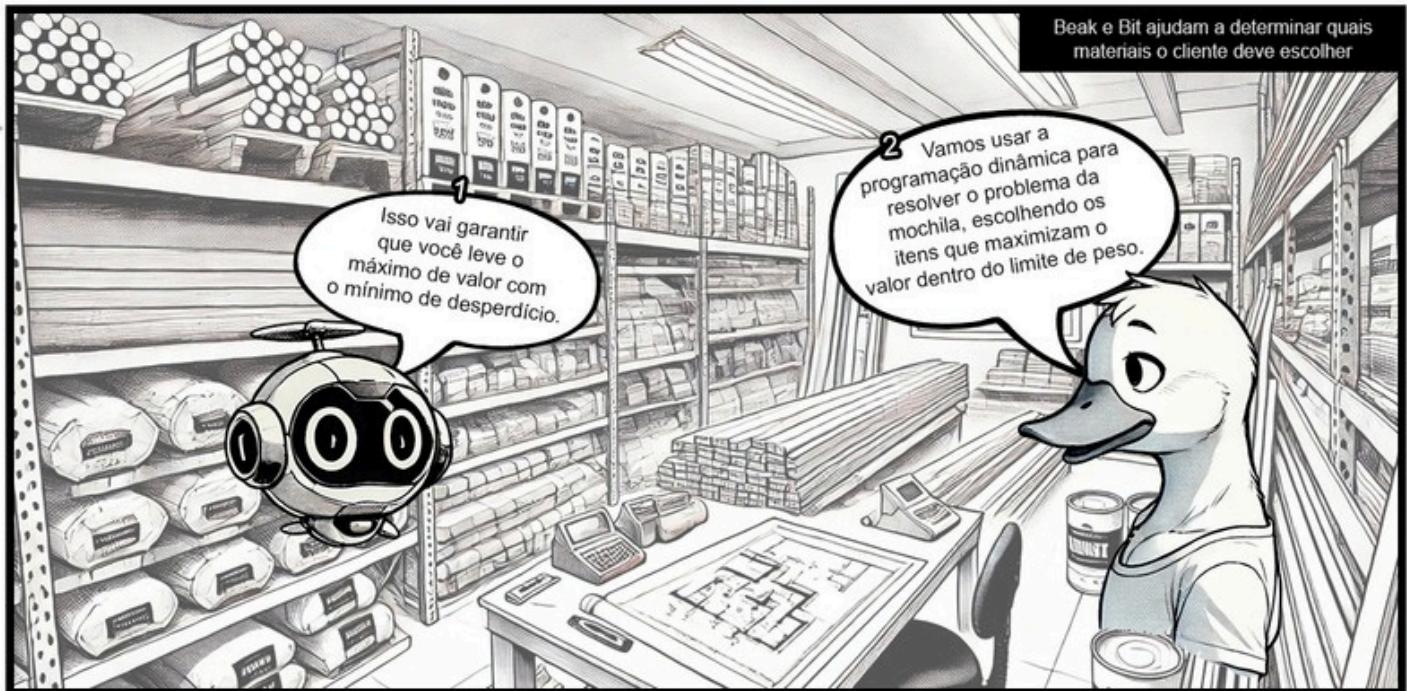


Construindo com Eficiência

Beak e Bit chegam a uma loja de materiais de construção.
Um cliente está tentando otimizar os materiais que precisa comprar



Beak e Bit ajudam a determinar quais materiais o cliente deve escolher

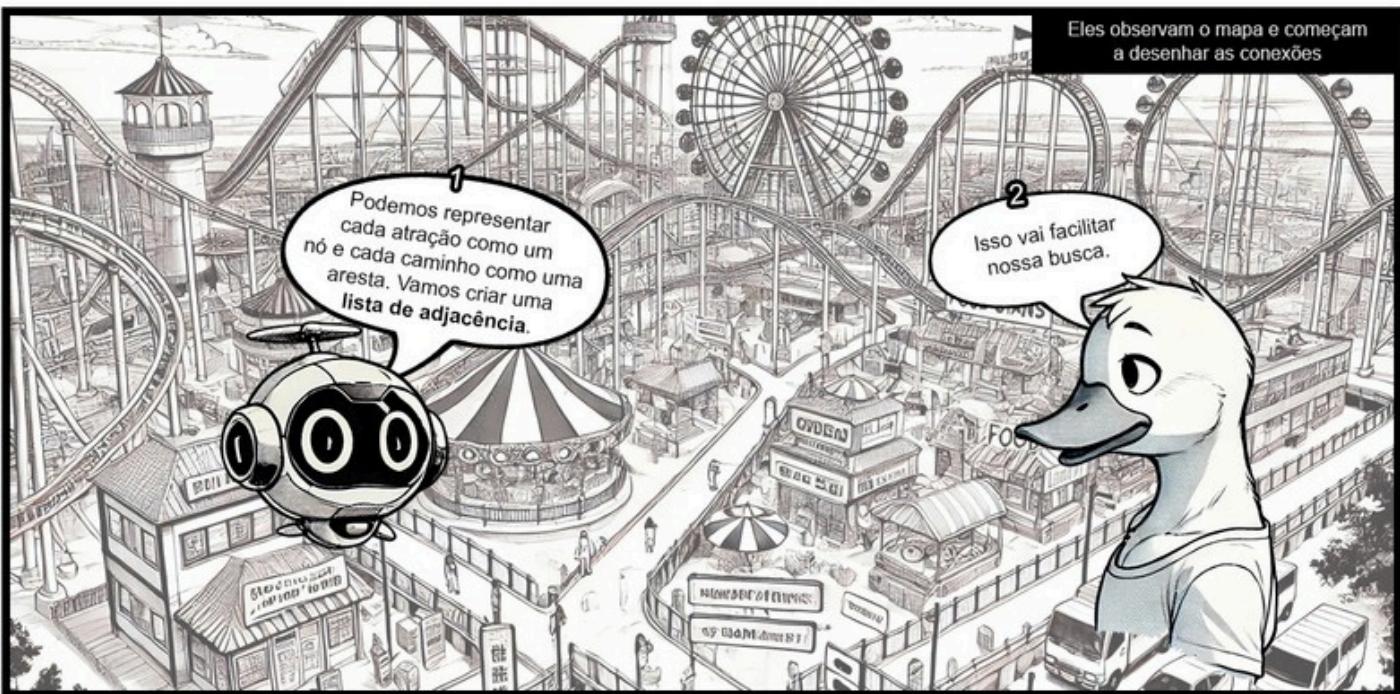
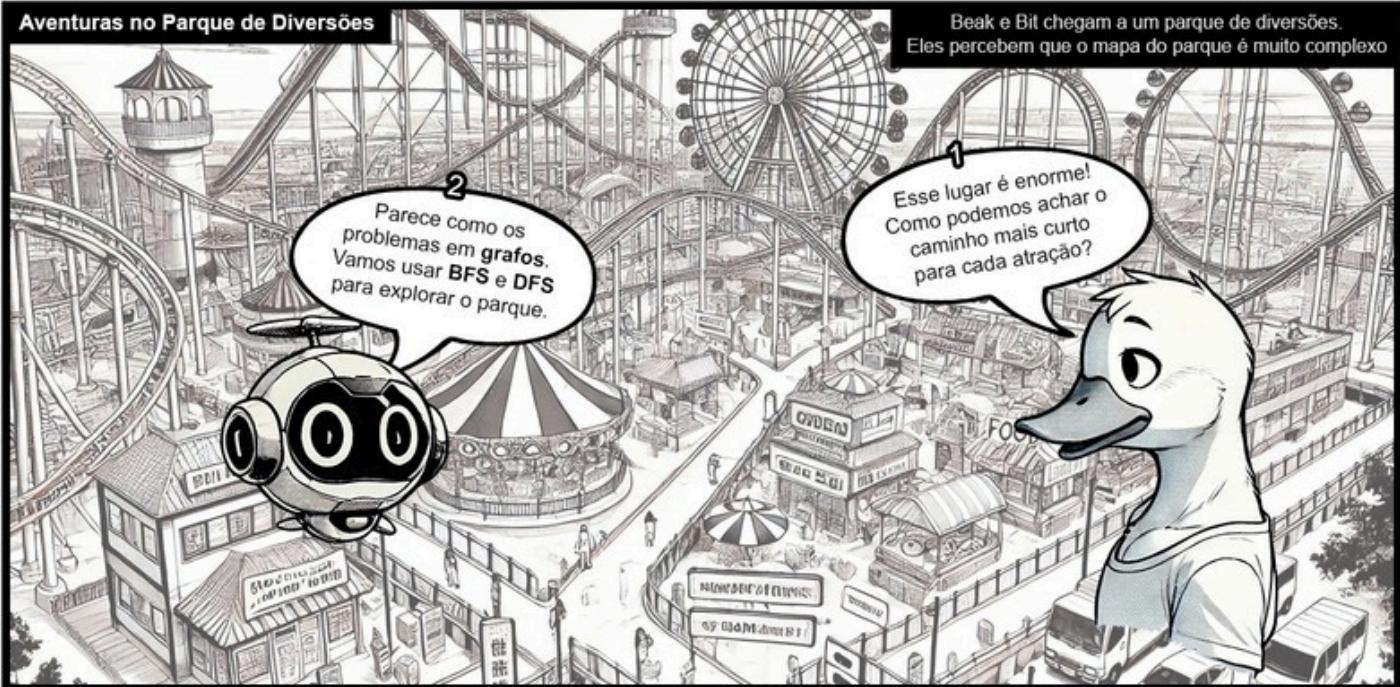


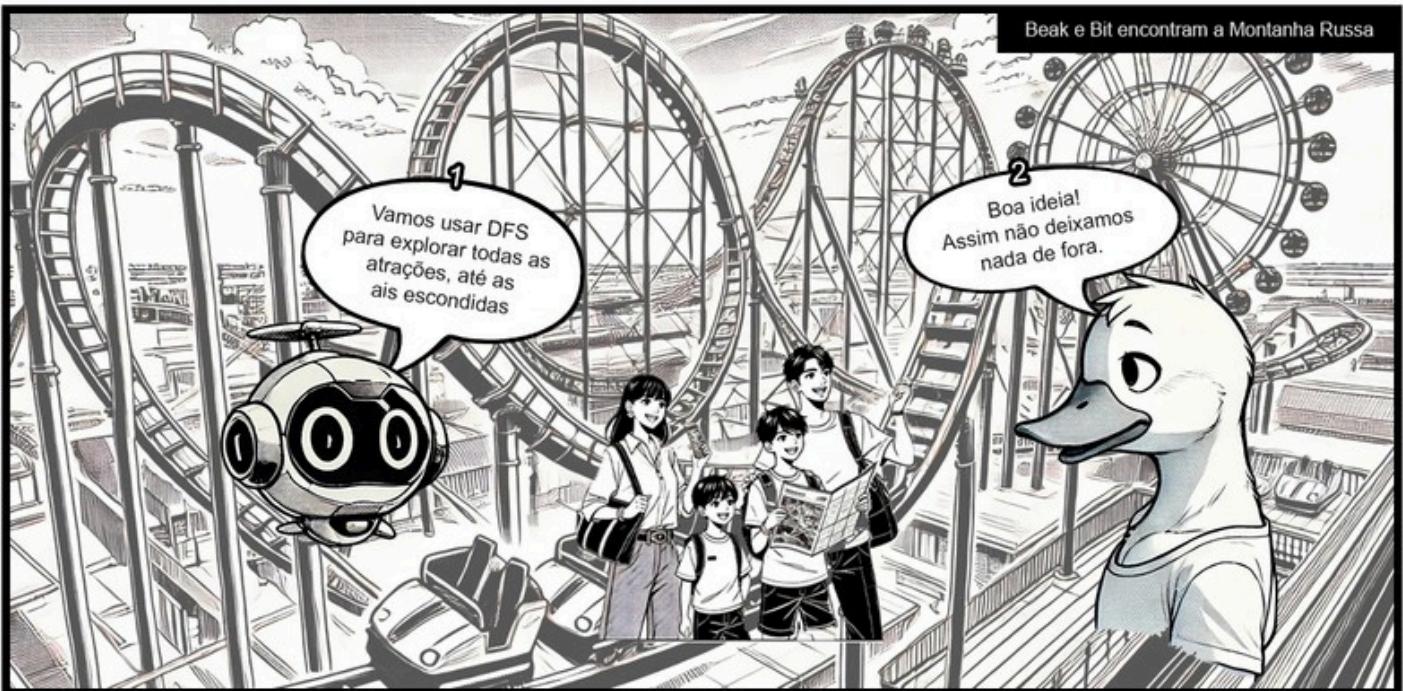
O cliente agradece a ajuda e se surpreende com a eficiência



Aventuras no Parque de Diversões

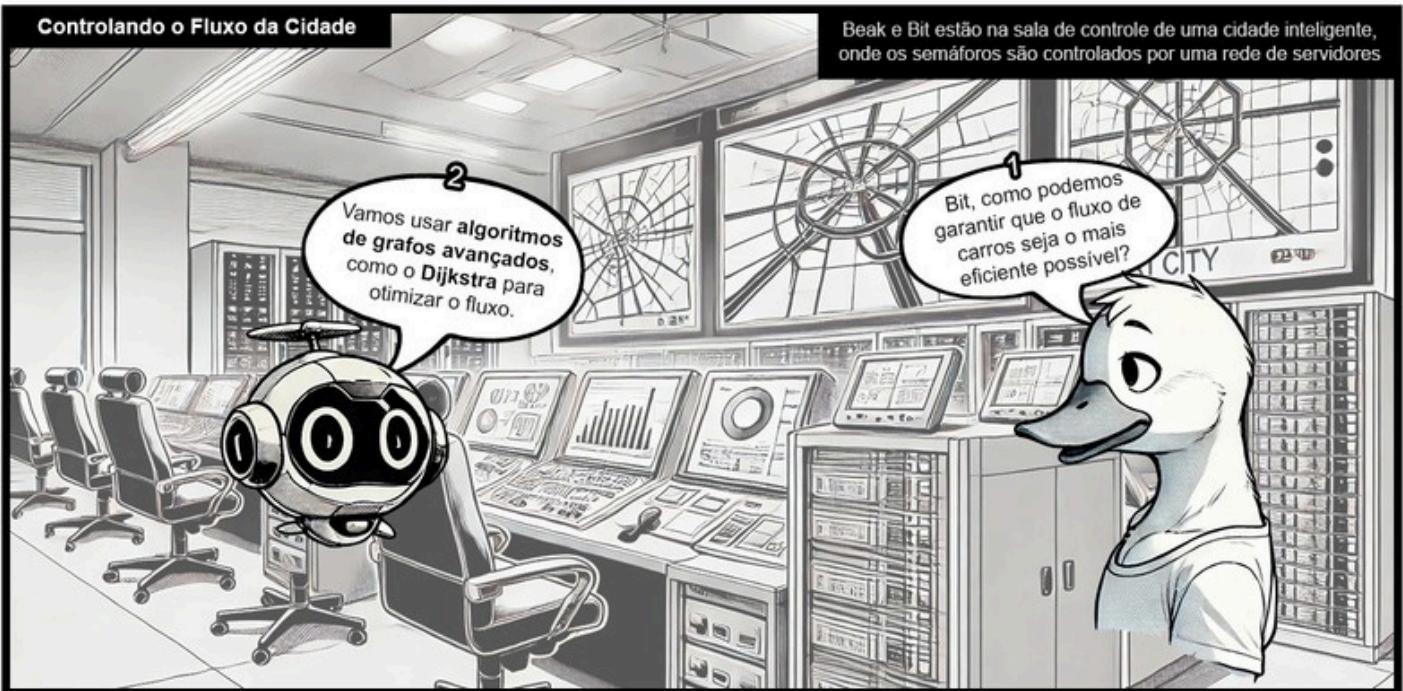
Beak e Bit chegam a um parque de diversões.
Eles percebem que o mapa do parque é muito complexo



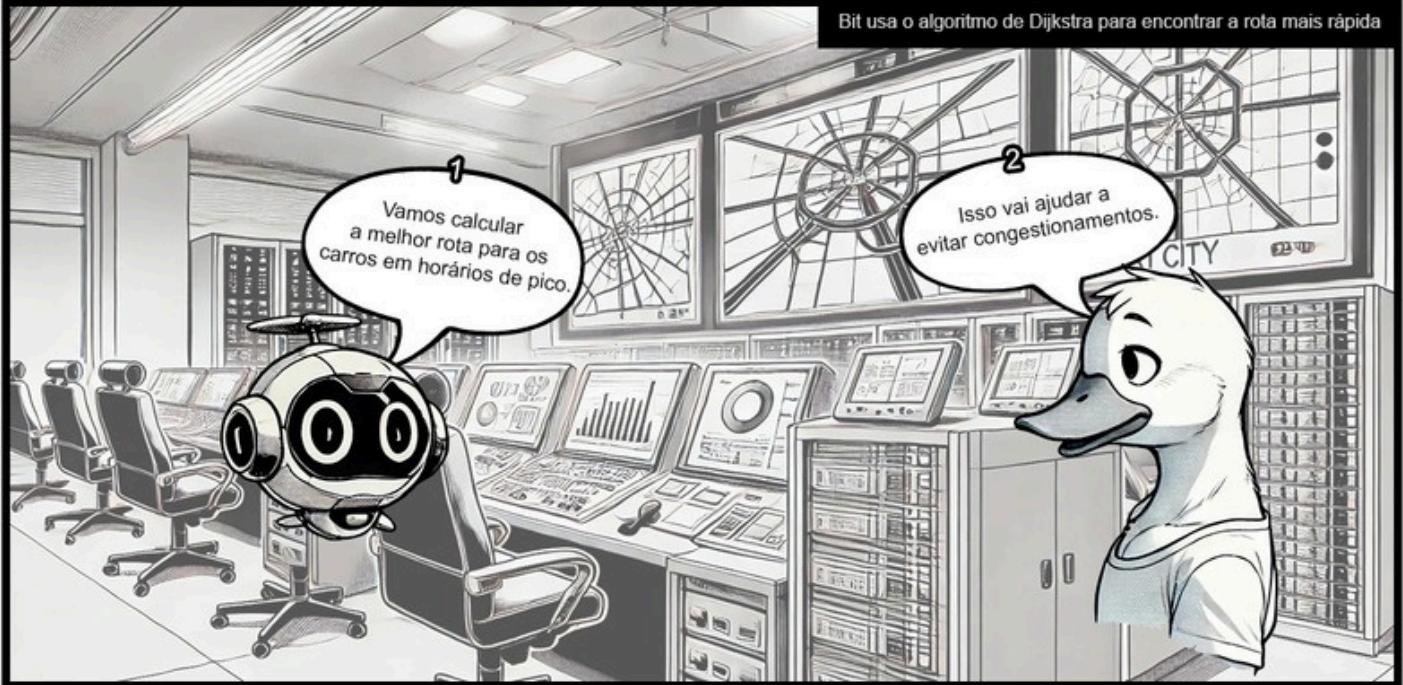


Controlando o Fluxo da Cidade

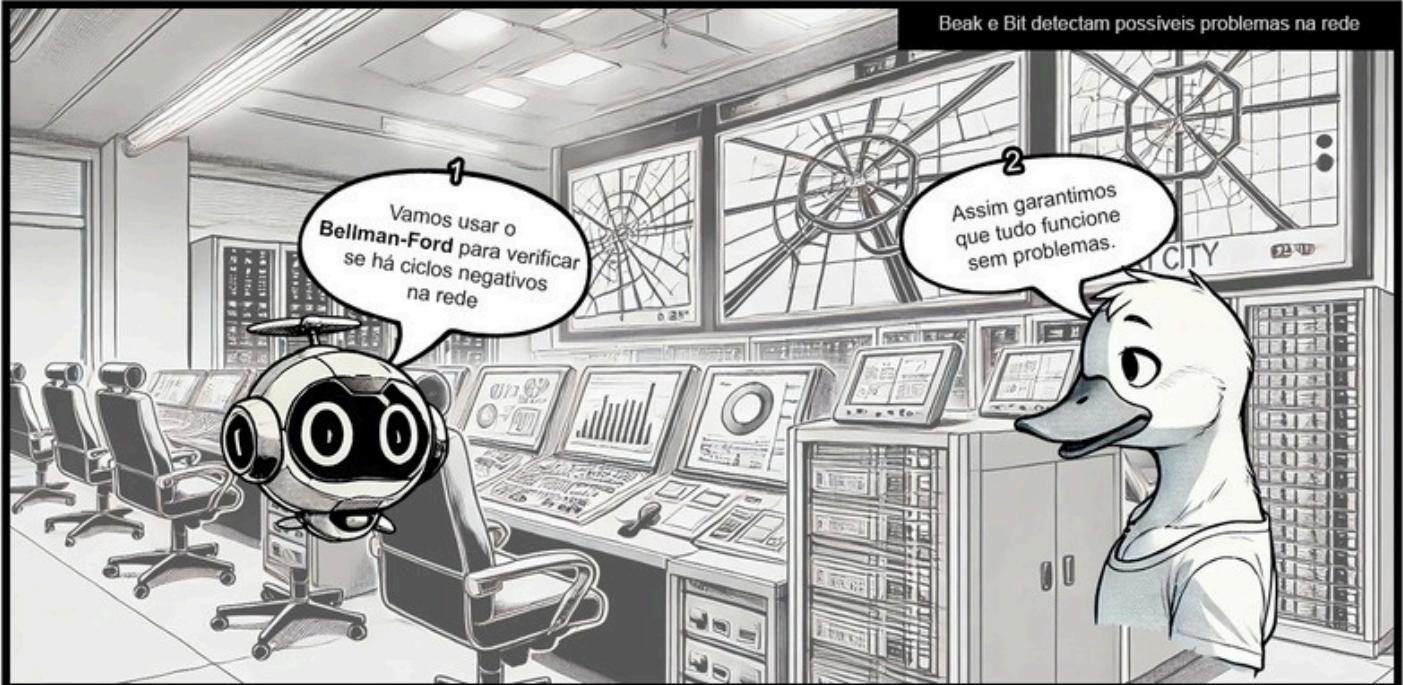
Beak e Bit estão na sala de controle de uma cidade inteligente, onde os semáforos são controlados por uma rede de servidores



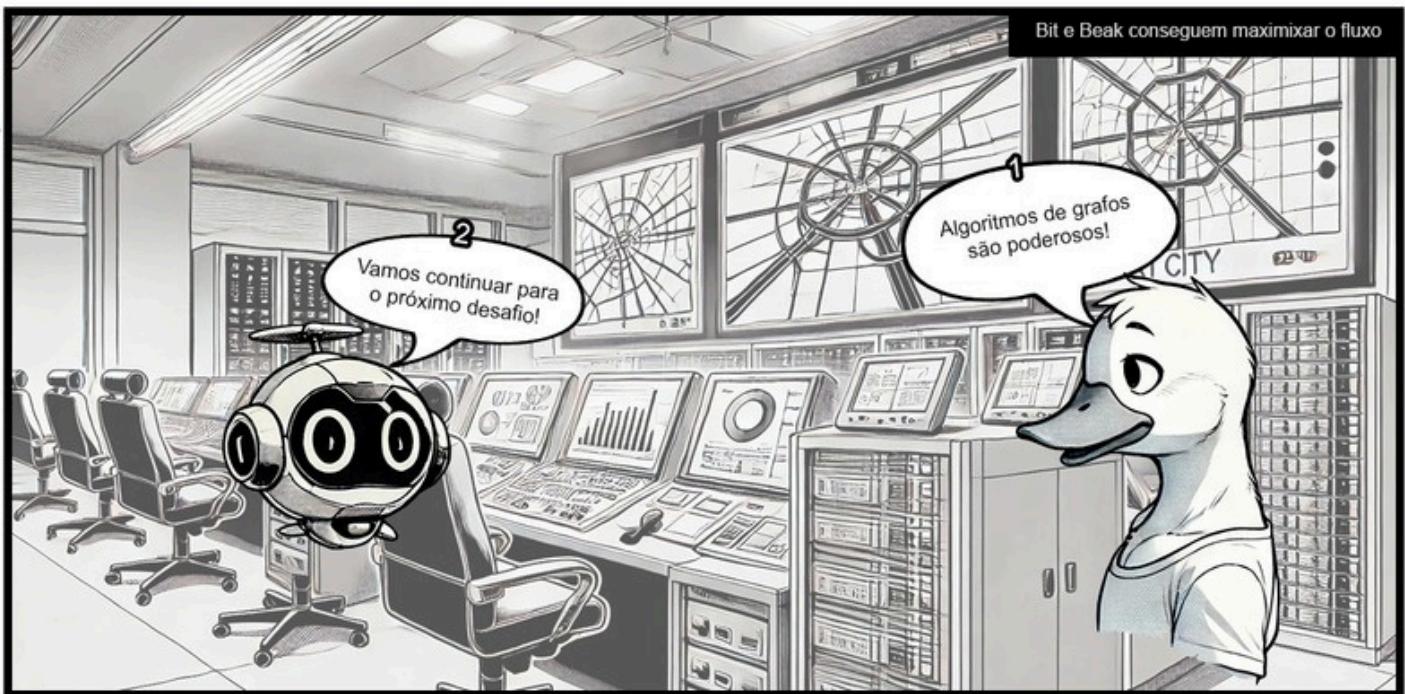
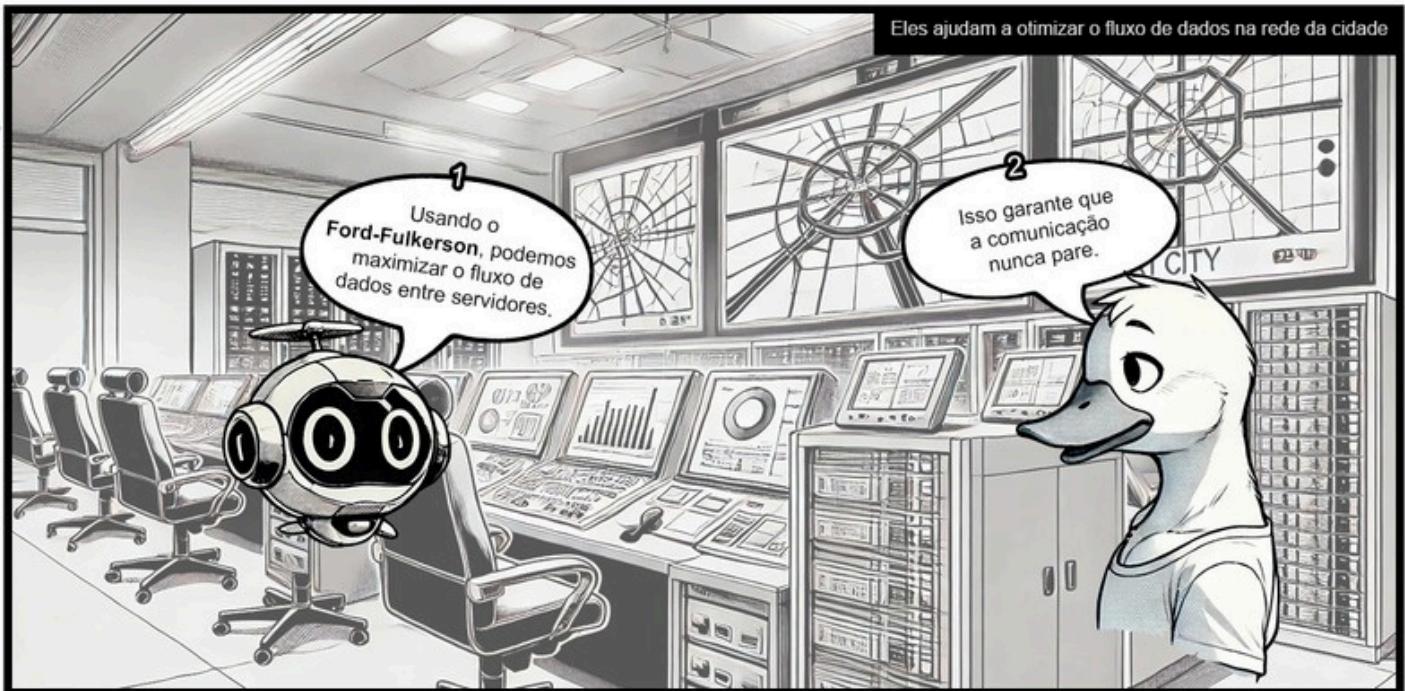
Bit usa o algoritmo de Dijkstra para encontrar a rota mais rápida



Beak e Bit detectam possíveis problemas na rede

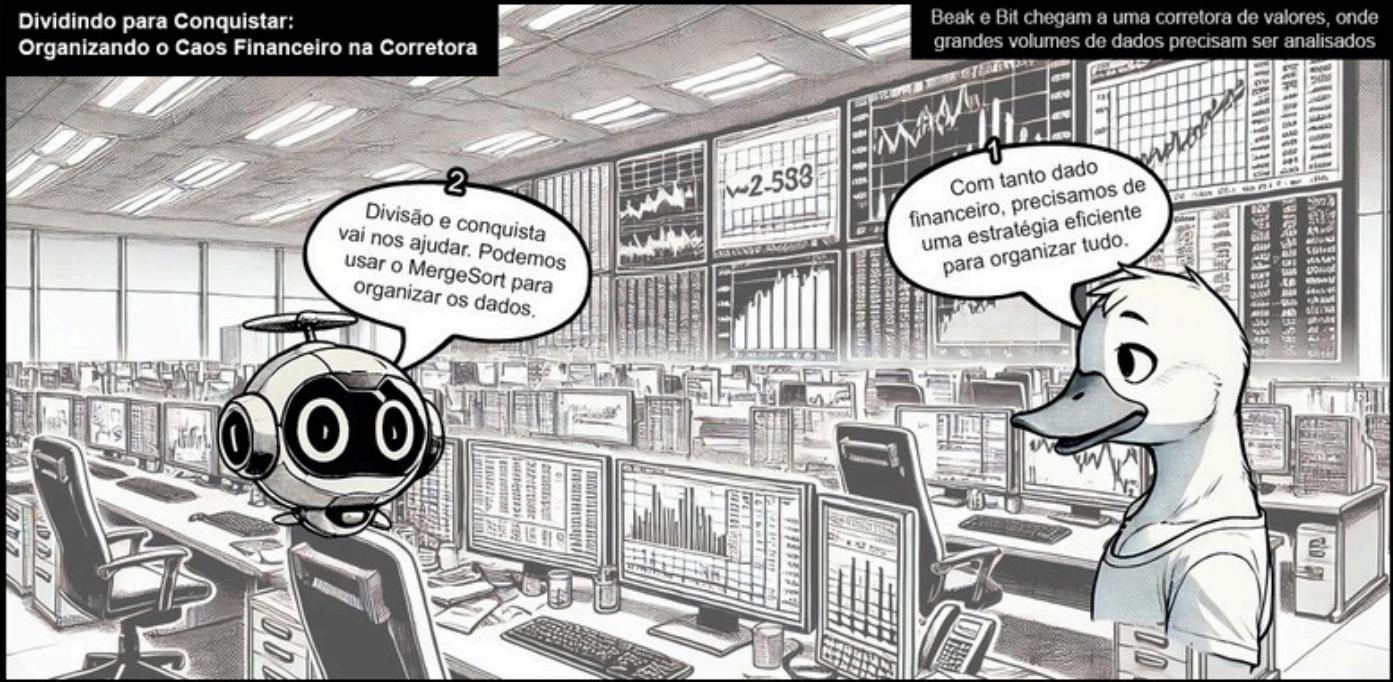


Eles ajudam a otimizar o fluxo de dados na rede da cidade

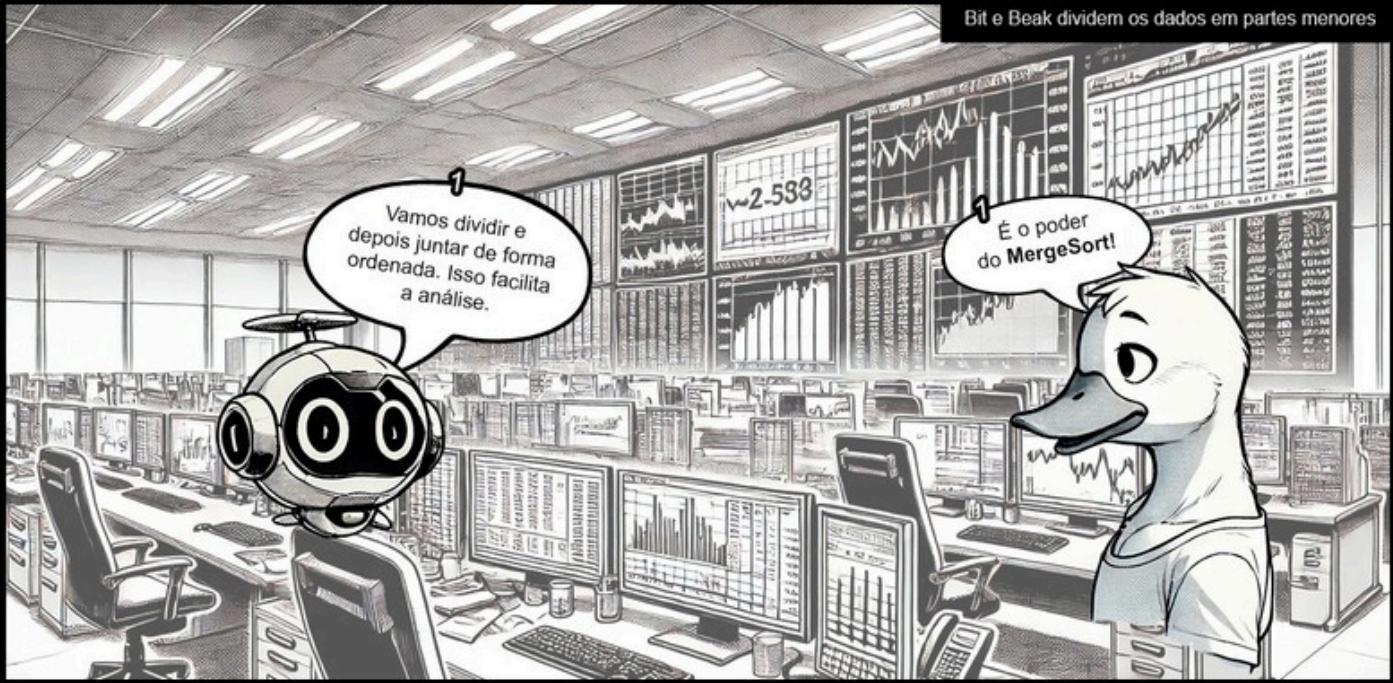


**Dividindo para Conquistar:
Organizando o Caos Financeiro na Corretora**

Beak e Bit chegam a uma corretora de valores, onde grandes volumes de dados precisam ser analisados



Bit e Beak dividem os dados em partes menores



Eles precisam localizar valores específicos



Eles ajudam a realizar grandes cálculos financeiros



O analista financeiro fica impressionado com a eficiência

