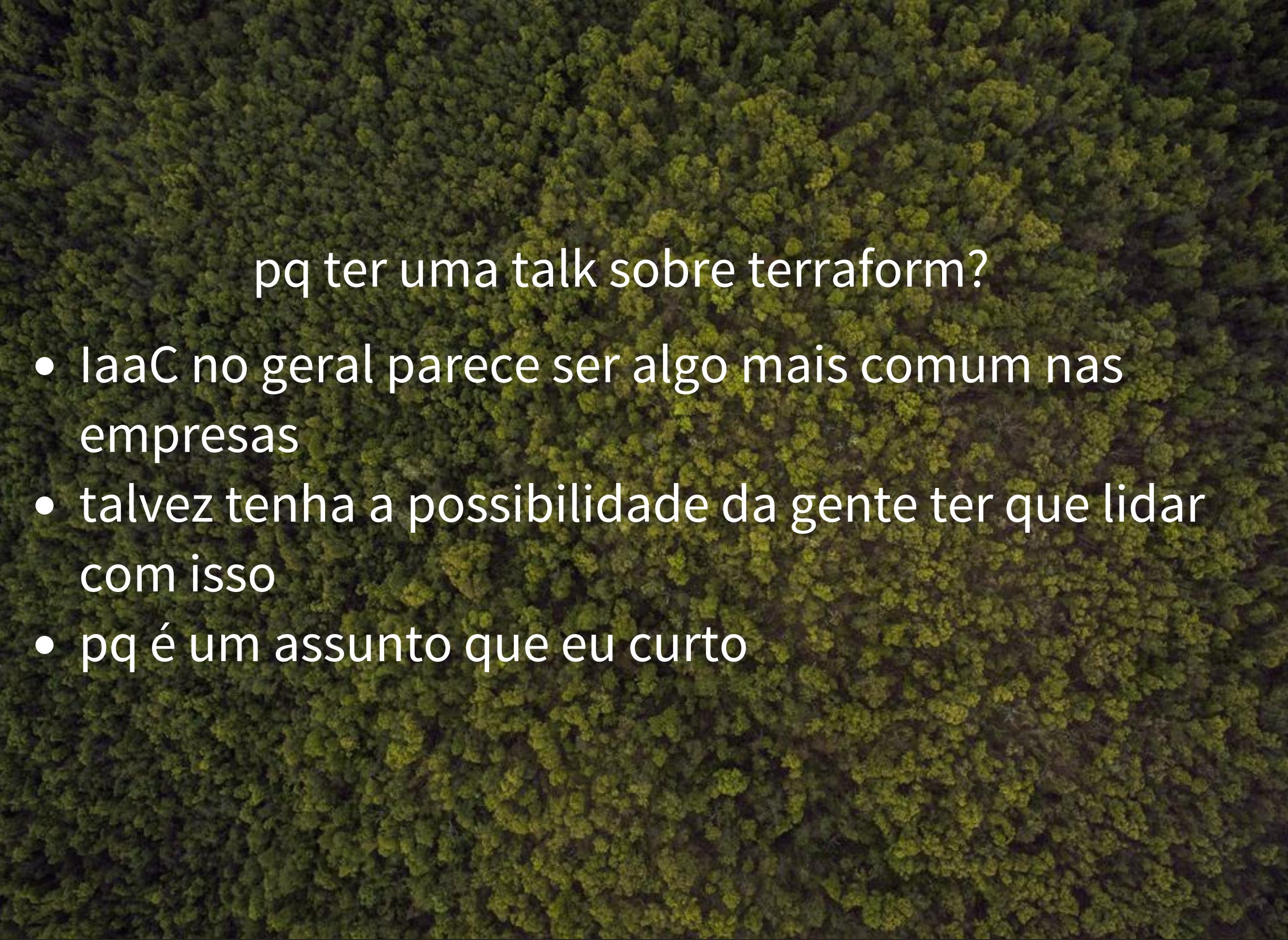


The background image is an aerial photograph of a rural landscape. It shows a mix of green and yellow agricultural fields, likely corn and soybean crops. A paved road runs diagonally across the middle ground, leading towards a small town with several buildings. The sky is clear and blue.

TERRAFORM ALGUMA COISA

@markito

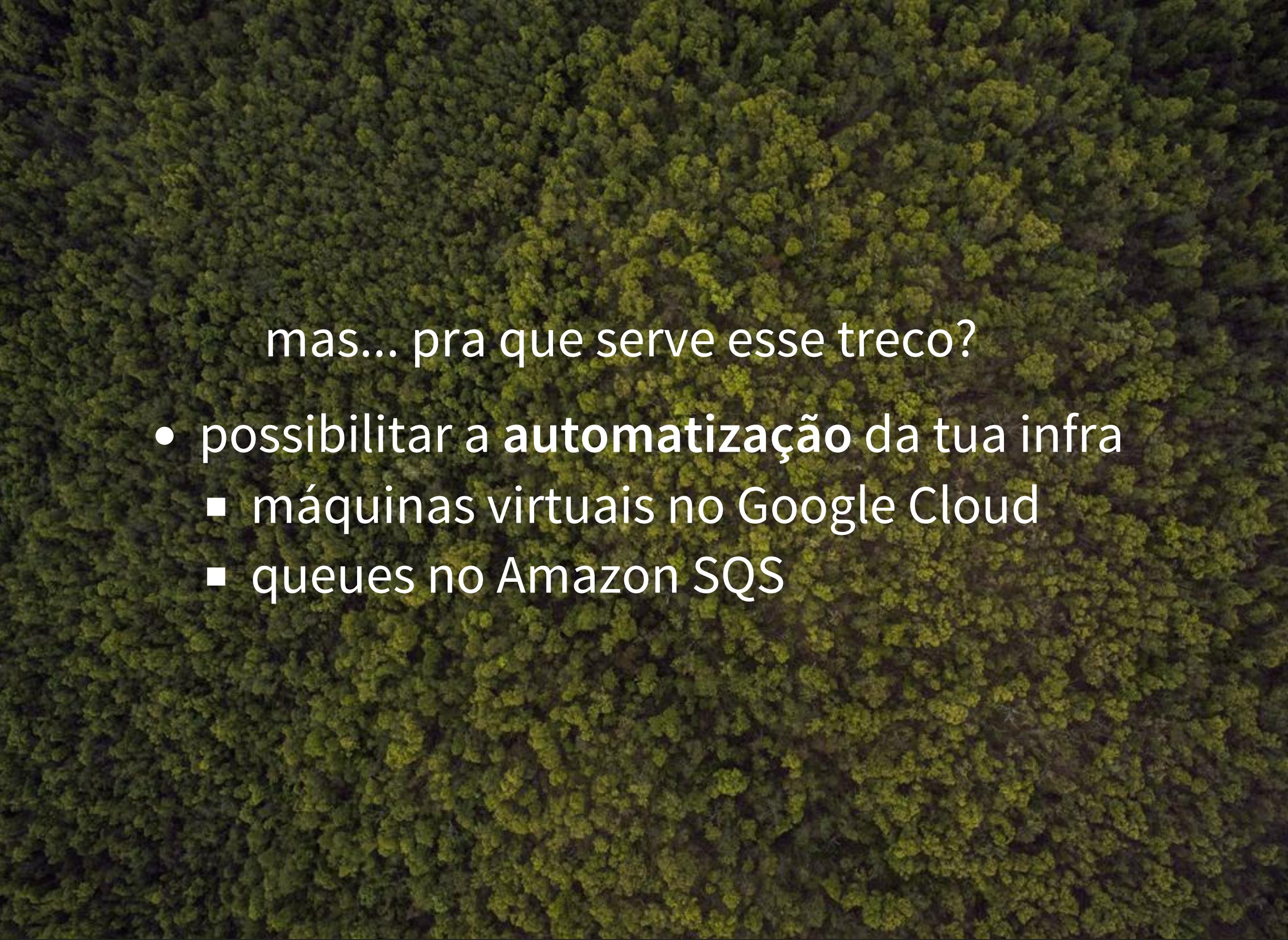
The background of the slide is a high-angle aerial photograph of a dense forest. The trees are packed closely together, creating a dark green, textured pattern across the entire frame.

pq ter uma talk sobre terraform?

- IaaC no geral parece ser algo mais comum nas empresas
- talvez tenha a possibilidade da gente ter que lidar com isso
- pq é um assunto que eu curto

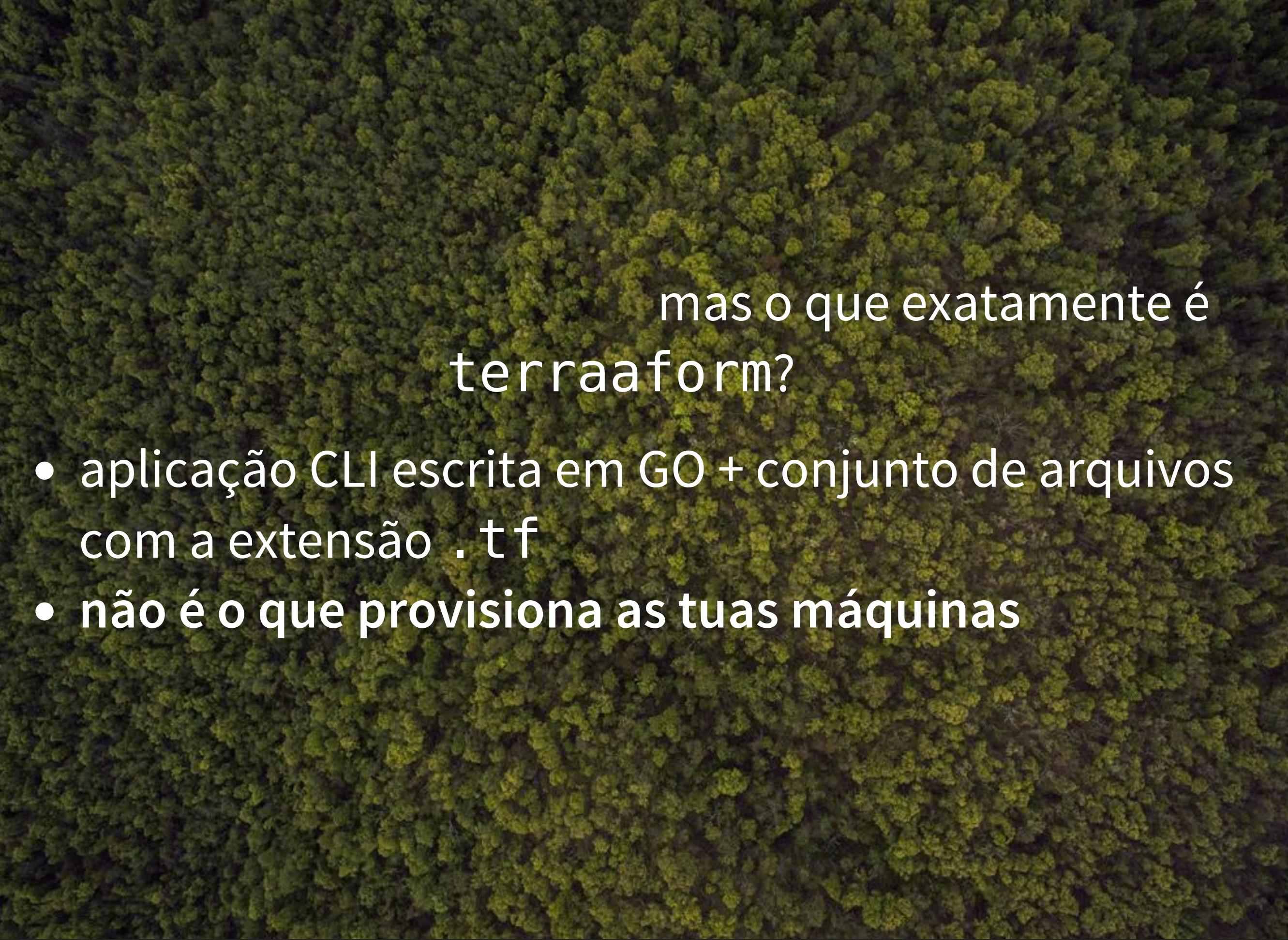
objetivo da talk

- dar uma noção sobre o assunto
- melhorar a *pesquisabilidade* caso apareça no futuro de vocês

The background of the slide is a high-angle aerial photograph of a dense, green forest. The trees are packed closely together, creating a textured, dark green pattern across the entire frame.

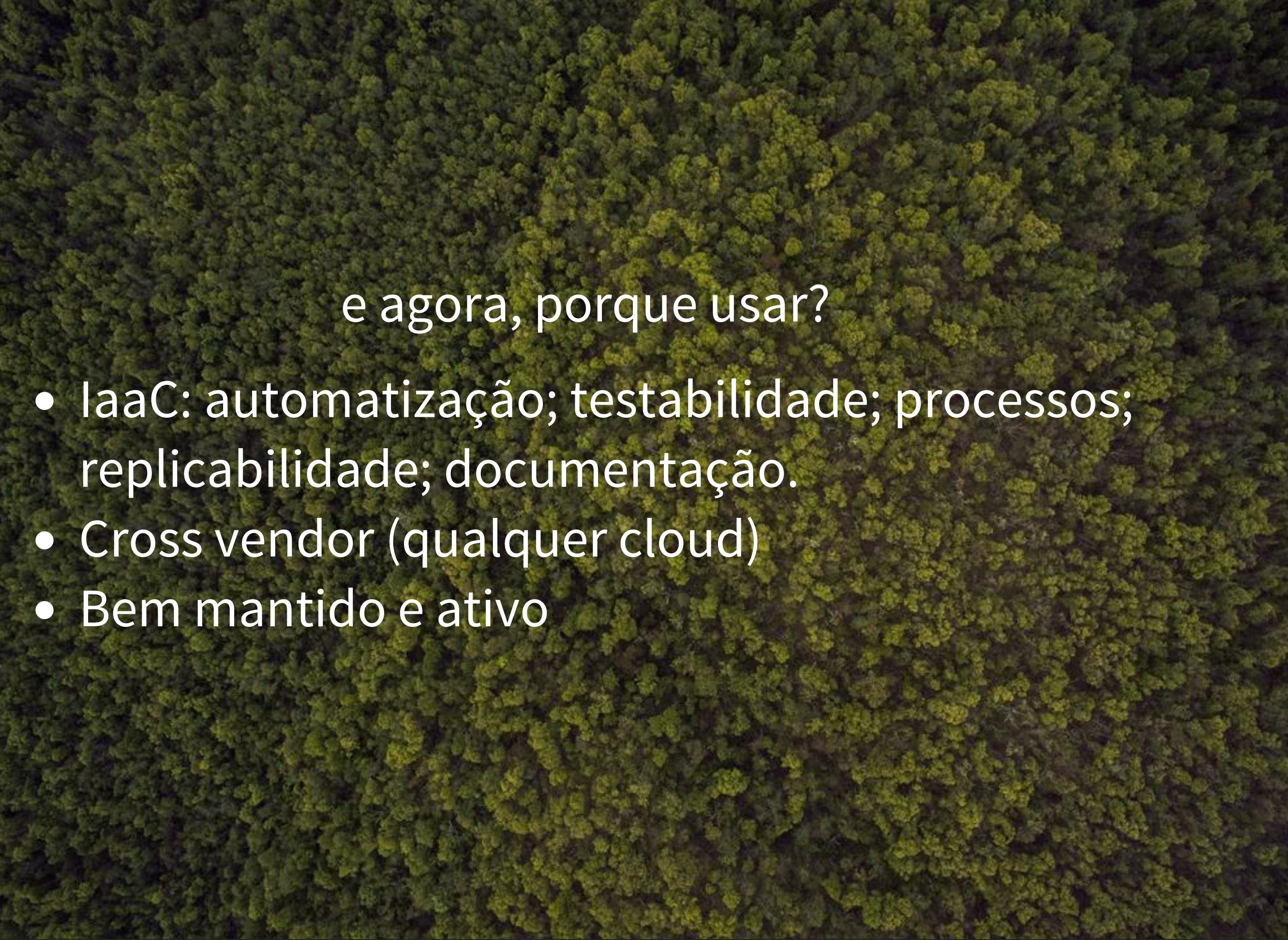
mas... pra que serve esse treco?

- possibilitar a **automatização** da tua infra
 - máquinas virtuais no Google Cloud
 - queues no Amazon SQS

The background of the slide is a high-angle aerial photograph of a dense, green forest. The trees are packed closely together, creating a textured pattern of green and brown. The lighting suggests it might be late afternoon or early morning, with some sunlight filtering through the canopy.

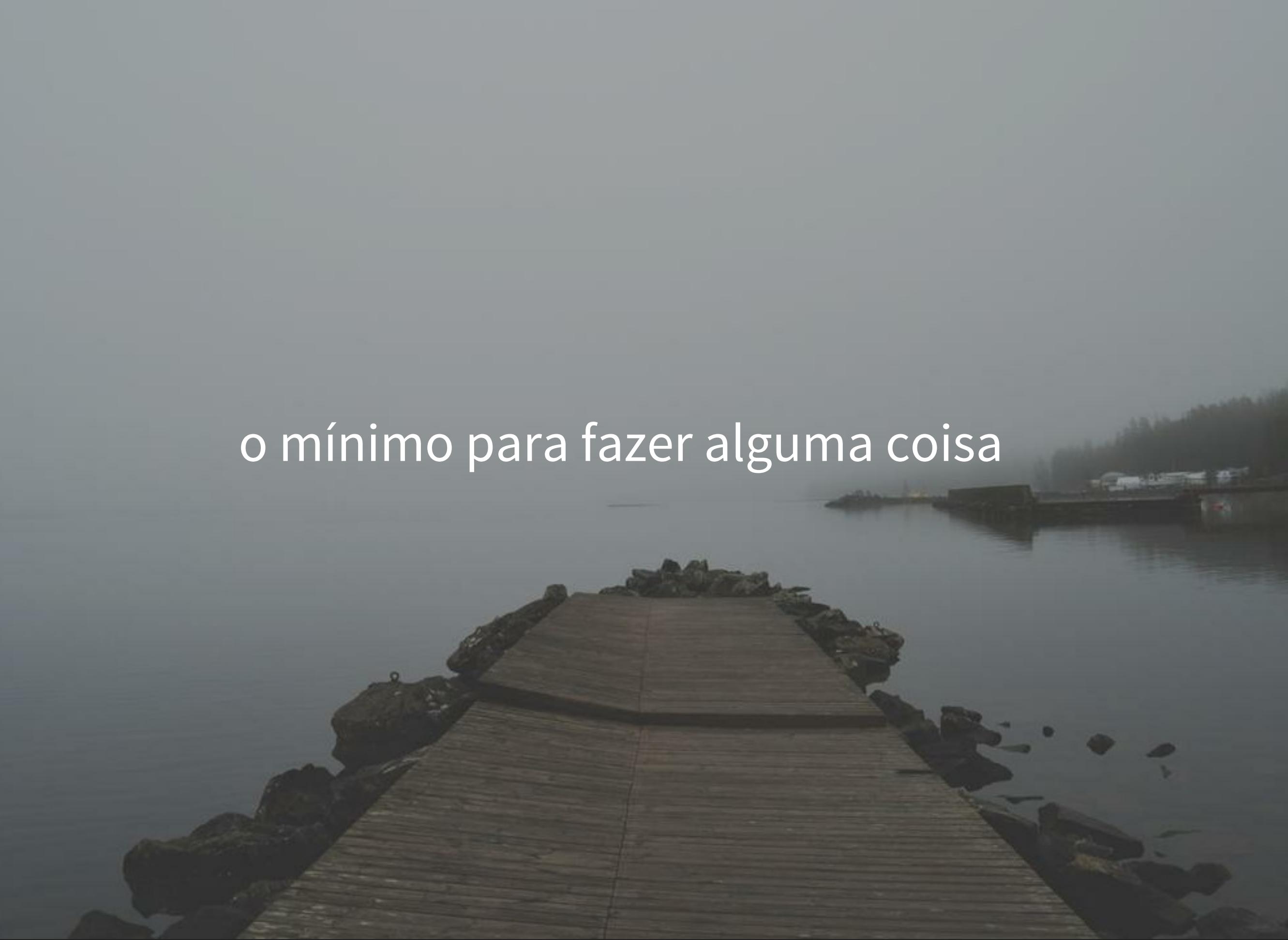
mas o que exatamente é
terraform?

- aplicação CLI escrita em GO + conjunto de arquivos com a extensão .tf
- não é o que provisiona as tuas máquinas

The background of the slide is a high-angle aerial photograph of a dense forest, showing a pattern of green and brown trees.

e agora, porque usar?

- IaaC: automatização; testabilidade; processos; replicabilidade; documentação.
- Cross vendor (qualquer cloud)
- Bem mantido e ativo

A photograph of a long, weathered wooden pier or dock extending from the bottom left towards the center of the frame. The pier is held in place by large, dark, cylindrical buoys. The water is calm and reflects the overcast, hazy sky above. In the distance, across the water, a small, dark, rectangular structure, possibly a boat or a distant shore, is visible. The overall atmosphere is quiet and somewhat melancholic.

o mínimo para fazer alguma coisa

conceitinhos

- *state*
 - **backends**
 - pode ser um arquivo local ou S3 por exemplo

comandinhos

- init
 - inicializa o repositório tf, baixa as "dependências" (providers, backends)
 - sincroniza o state "remoto" com o local

comandinhos

- plan
 - planeja qualquer mudança que você fizer nos arquivos (criação, destruição)

comandinhos

- apply
 - "commits" as mudanças que você checou no plan

A photograph of a long, weathered wooden pier or dock extending from the bottom left towards the center of the frame. The pier is held in place by large, dark, cylindrical piles driven into the water. The water is calm and reflects the overcast, hazy sky above. In the distance, across the water, a small, low-lying island or peninsula is visible, featuring some industrial structures and possibly a lighthouse. The overall atmosphere is quiet and somewhat melancholic.

hora das coisas darem errado



mais do que o mínimo

conceitinhos

- *.tf files
 - data
 - *variables*
 - TF_VAR_variable
 - -var-file=
 - referências cruzadas

comandinhos

- fmt
 - formata os arquivos
- validate
 - valida os arquivos

comandinhos

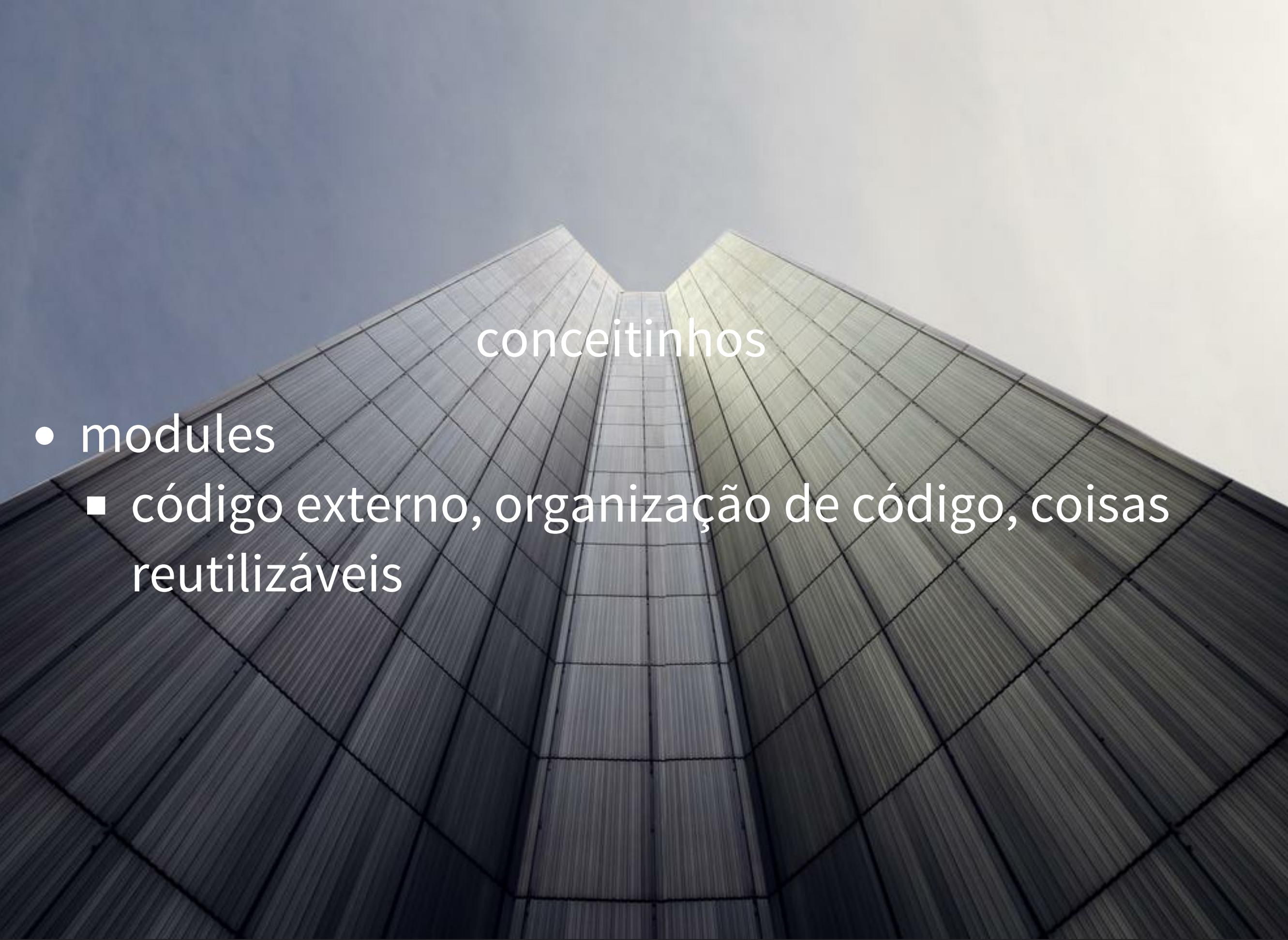
- plan e apply
 - argumento -plan- file=

A photograph of a long, weathered wooden pier or dock extending from the bottom left towards the center of the frame. The pier is held in place by large, dark, cylindrical piles driven into the water. The water is calm and reflects the overcast, hazy sky above. In the distance, across the water, a small, low-lying island or peninsula is visible, featuring some industrial structures and possibly a lighthouse. The overall atmosphere is quiet and somewhat melancholic.

hora das coisas darem errado



agora o bagui é loco



conceitinhos

- modules
 - código externo, organização de código, coisas reutilizáveis

The background image shows a close-up view of a modern building's exterior. The facade is composed of numerous dark, rectangular panels arranged in a grid pattern, creating a textured, almost crystalline appearance. The panels reflect the surrounding environment, appearing darker on one side and lighter on the other, suggesting a metallic or glass-like material. The perspective is from a low angle, looking up at the building's curved roofline.

conceitinhos

- **provisioners**
 - script
 - chef
- workspace
 - diferentes ambientes, mesma infra
 - qa vs prod



conceitinhos / comandinhos

- import
- output

A dark night sky filled with numerous small white stars. A vibrant green aurora borealis arches across the upper portion of the frame, its light glowing through wispy clouds. In the foreground, the dark silhouettes of evergreen trees are visible against the starry background.

extras

- provisionamento (ansible)
- packer, docker images (usar imagens pra não precisar provisionar)
- vault, aws secrets manager, gerenciamento de secrets
- cloud-formation, específico da aws