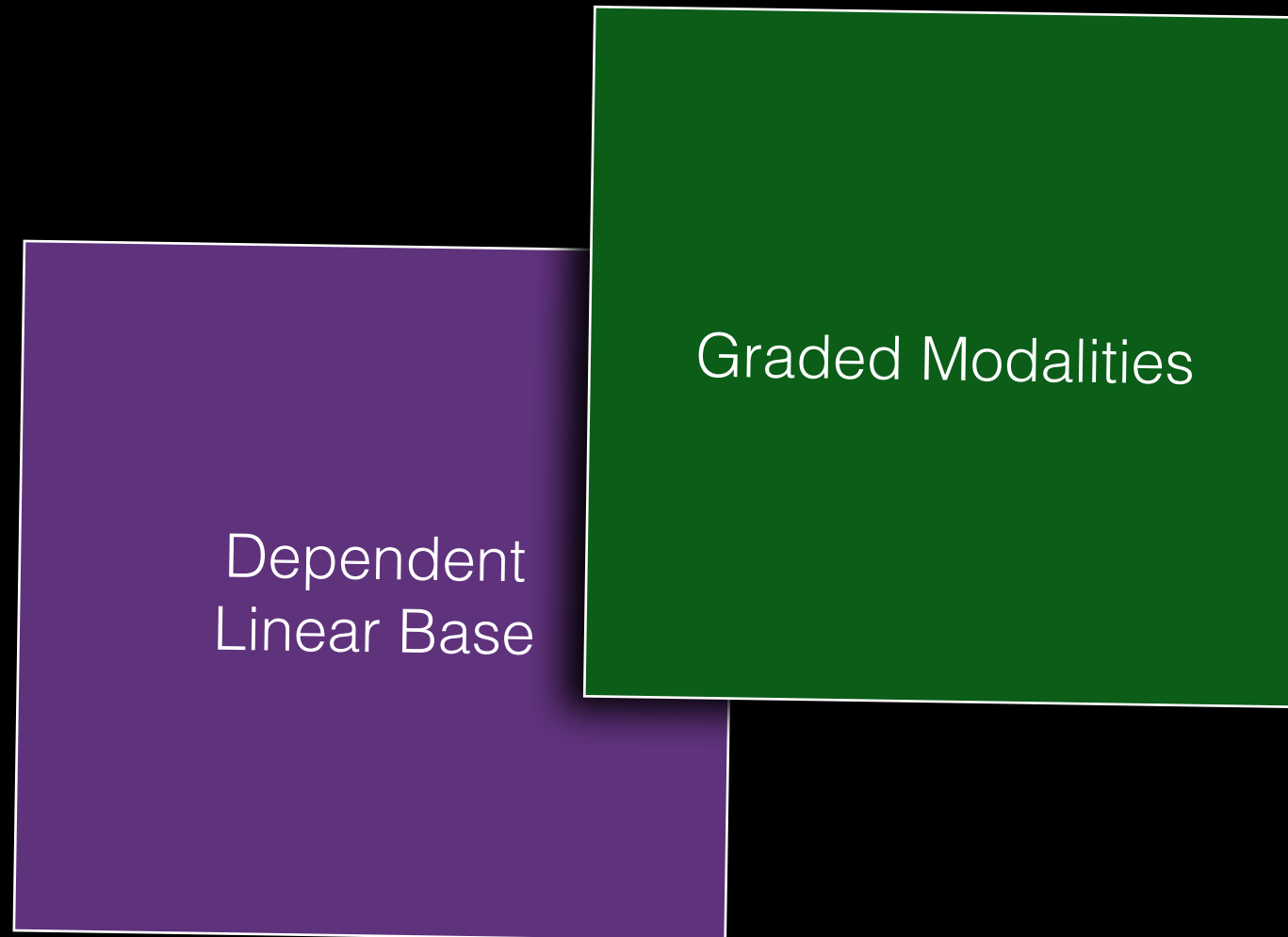


Graded Type Theory



Why Dependent Types?

- **Practical programming with graded modalities requires dependency.**
- **Extrinsic verification.**