We supplement rule-based Al policymaking with an approach that leverages precedent "cases" to ground acceptable Al behavior.

Case Repositories: Towards Case-Based Reasoning for Al Alignment

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Motivation

When we talk about "policy" for Al, we often think broad statements like "avoid dangerous and unethical responses." However, it can be difficult to create and apply these policies in practice. How can we use casebased reasoning—long practiced in law, medicine, etc.—to supplement constitutional, rule—based Al policy?

Preliminary Results

We conducted 6 workshops with 20 legal experts and

Repository Creation Process



Collect seed cases

Cases are inputs that a user may submit to an Al system. We source our seed cases from discourse in online communities.



Expert workshops

We conduct workshops with domain experts to elicit key dimensions they consider when evaluating Al responses to seed cases.