Abstract

1 Introduction

2 Host Hooks

* Multiple commensal and transient hooks
* Ignore address encoding/constraints
* Commensals before transients
* Error handling

3 Commensal Hooks

* Attach and detach
* Bidding for execution
* Gas deposit and refill

4 Transient Hooks

* User specified during execution
* HookData encoding

Cannot swap or remove liquidity in before swap

Cannot add liquidity in before donate

Before swap cannot change lp fee

Cannot return positive balance delta

No guarantee of execution or order of execution

Action by other than original sender is not propagated

Rebate = base + premium; rake is on premium only