

# Juicebox v4 Naming Updates

## 1. JBTokens

- `issueFor(...)` mints a claimable ERC-20 token. This should be disambiguated (e.g. `deployErc20TokenFor(...)`).
- `setFor(...)` -> `setTokenFor(...)`.
- All variables should use “token”. All natspec descriptions should use “project token”.
- Unclaimed -> token credits. Add “credits” to ambiguous names (e.g. `transferFrom(...)` -> `transferCreditsFrom(...)`).
- Claimed -> token. Use token in function names and variables. Invert to `_preferCredits`.
- You still “claim” tokens from credits.

## 2. JBRulesets

- Funding cycle -> ruleset.
- We must fix the timestamp <-> struct <-> number trilemma. Let’s use `rulesetId`, `rulesetData`, and `rulesetCycleNumber`.
- Reconfigure -> Edit rulesets (e.g. `reconfigureFundingCyclesOf(...)` -> `editRulesetsOf(...)`).
- Discount rate -> decay rate. Issuance reduction proved clunky.
- `init` -> `generateRulesetBasedOn`.
- Ballot -> `rulesetApprovalHook`.
- Base, eligible, standby, queued, and current cycle feel confusing. How about: `base` -> `lastRulesetId`, `standby` -> `upcomingRulesetIfApproved`, and `eligible` -> `currentRulesetIfApproved`, and `queued` -> `upcomingRuleset`.
- `_mockFundingCycleBasedOn(...)` -> `_simulateRulesetCycle(...)`

## 4. JBSplits

- `set(...)` -> `setSplitsFor(...)`.
- `_includesLocked(...)` -> `_includesLockedSplits(...)`.

## 5. JBPriceFeeds

- `priceFor(...)` -> `pricePerUnitOf(...)`. Swap params (base first).
- `addFeedFor(...)` -> `addPriceFeedFor(...)`

## 6. JBPermissions

- `setOperator(...)` -> `setPermissionsForOperator(...)`.
- `setOperators(...)` -> `setPermissionsForOperators(...)`.
- `JBOperatable` -> `JBPermissioned`

## 8. JBController

- reservedTokenBalanceOf -> undistributedReservedTokenBalanceOf
- totalOutstandingTokensOf(...) -> totalTokenSupplyWithReservedTokensOf(...)
- launchFundingCyclesFor(...) -> launchRulesetsFor(...).
- \_configure -> \_editRulesetsOf(...)
- migrate(...) -> migrateController(...).

## 9. JBFundAccessConstraints

- setFor(...) -> setFundAccessConstraintsFor(...).
- Distribution limit -> Payout limit.
- Overflow allowance -> runway allowance.

## 10. Terminals

Contract naming:

- IJBPaymentTerminal -> IJBTerminal
- IJBRedemptionTerminal -> IJBRedeemTerminal
- IJBPayoutTerminal -> IJBPayoutTerminal
- IJBSingleTokenPaymentTerminal -> IJBSingleTokenTerminal
- IJBPayoutRedemptionPaymentTerminal -> IJBPayoutRedeemTerminal
- JBETHPaymentTerminal -> JBNativeTerminal.
- JBERC20PaymentTerminal -> JBERC20Terminal.

Other:

- currentEthOverflowOf -> currentRunwayInNativeTokenOf
- migrate(...) -> migrateTerminal(...)
- Refund held fees -> unlock held fees.
- Process fees -> process held fees.

## 11. JBERC20Token

Rename contract to JBERC20Token.

## 13. JBProjectPaymentForwarder/JBProjectPaymentForwarderDeployer

- setDefaultValues(...) -> setDefaultPayParameters(...).

## 14. JBSplitsPaymentForwarder

Same as project payer.

## 16. JBDeadline

- Ballot -> ruleset approval hook.
- State -> Approval status.

## 17. Other

- Pay data source -> pay data hook
- Pay delegate -> pay action hook
- Redeem data source -> redeem data hook
- Redeem delegate -> redeem action hook
- Split allocator -> split action hook