KubeJS Create

Create integration for KubeJS. This mod allows you to add and properly edit recipes of Create mod in KubeJS scripts. All supported recipe types and examples are below. See Recipes page for more info.

Simple Recipe Types

- createCrushing
- createCutting
- createMilling
- createBasin
- createMixing
  - supports *.heated()* and *.superheated()*
- createCompacting
  - supports *.heated()* and *.superheated()*
  - Can have any number of inputs
  - Used basin
- createPressing
  - Only has one item input
  - Used on any surface
- createSandpaperPolishing
- createSplashing
  - AKA Bulk Washing
- createDeploying
- createFilling
- createEmptying
- createHaunting

> Bulk Smoking and Bulk Blasting recipes are auto generated from vanilla smelting, smoking, and blasting recipes.

- Bulk Smoking is vanilla smoking.
- Bulk Blasting is vanilla smelting (as long as there is not a smoking recipe) or vanilla blasting.

Syntax

event.recipes.create.mixing(output[], input[])
or
event.recipes.createMixing(output[], input[])

Output can be an item, fluid, or an array of multiple.

Input can be an ingredient, fluid, or an array of multiple.

Examples

```
onEvent('recipes', event => {
  event.recipes.createCrushing([
    '2x bone_meal',
    Item.of('5x bone_meal').withChance(0.5)
  ], 'bone_block')

  event.recipes.create.mixing(Fluid.of('create:builders_tea',500),[
    Fluid.of('milk',250),
     Fluid.of('water',250),
    '#leaves'
  ]).heated()

  event.recipes.createFilling('create:blaze_cake', [
    'create:blaze_cake_base',
    Fluid.of('minecraft:lava', 250)
  ])

  event.recipes.createEmptying([
    'minecraft:glass_bottle',
    Fluid.of('create:honey', 250)
  ], 'minecraft:honey_bottle')
})
```

Mechanical Crafter

Syntax

event.recipes.create.mechanicalCrafting(output, pattern[], {patternKey: input})
or
event.recipes.createMechanicalCrafting(output, pattern[], {patternKey: input})

This recipe type is the same as regular crafting table shaped recipe, however the pattern can be up to 9x9, instead of 3x3.

Examples

```
onEvent('recipes', event => {
  event.recipes.createMechanicalCrafting('minecraft:piston', [
    'CCCCC',
    'CPIPC',
    'CPRPC'
  ], {
    C: '#forge:cobblestone',
    P: '#minecraft:planks',
    R: '#forge:dusts/redstone',
    I: '#forge:ingots/iron'
  })
})
```

Sequenced Assembly

Syntax

event.recipes.create.sequencedAssembly(output[], input, sequence[]).transitionalItem(transitionalItem).loops(loops)
or
event.recipes.createSequencedAssembly(output[], input, sequence[]).transitionalItem(transitionalItem).loops(loops)

Output is an item or an array of items.

If it is an array:

- The first item is the real output, the remainder are scrap.
- Only one item is chosen, with equal chance of each.
- You can use `Item.of('create:shaft').withChance(2)` to double the chance of that specific item to being chosen.

Input is an ingredient.

Transitional Item is any item* and is used during the intermediate stages of the assembly.

Sequence is an array of recipes.

- The only legal recipes are:
  - createCutting
  - createPressing
  - createDeploying
  - createFilling
- The transitional item needs to be the output of each of these recipes.
- The transitional item needs to be the an input of each of these recipes.

Loops is the number of time that the recipes repeats. Calling .loops() is optional, and defaults to 4.

Examples

```
onEvent('recipes', event => {
	event.recipes.createSequencedAssembly([ // start the recipe
		Item.of('create:precision_mechanism').withChance(130.0), // this is the item that will appear in JEI as the result
		Item.of('create:golden_sheet').withChance(8.0), // the rest of these items will part of the scrap
		Item.of('create:andesite_alloy').withChance(8.0),
		Item.of('create:cogwheel').withChance(5.0),
		Item.of('create:shaft').withChance(2.0),
		Item.of('create:crushed_gold_ore').withChance(2.0),
		Item.of('2x gold_nugget').withChance(2.0),
		'iron_ingot',
		'clock'
	],'create:golden_sheet',[ // 'create:golden_sheet' is the input
		// the transitional item set by "transitionalItem('create:incomplete_large_cogwheel')" is the item used during the intermediate stages of the assembly
		event.recipes.createDeploying('create:incomplete_precision_mechanism',['create:incomplete_precision_mechanism','create:cogwheel']),
		 // like a normal recipe function, is used as a sequence step in this array. Input and output have the transitional item
		event.recipes.createDeploying('create:incomplete_precision_mechanism',['create:incomplete_precision_mechanism','create:large_cogwheel']),
		event.recipes.createDeploying('create:incomplete_precision_mechanism',['create:incomplete_precision_mechanism','create:iron_nugget'])
	]).transitionalItem('create:incomplete_precision_mechanism').loops(5) // set the transitional item and the loops (amount of repetitions)



	// for this code to work, kubejs:incomplete_spore_blossom need to be added to the game
	let inter = 'kubejs:incomplete_spore_blossom' // making a varrible to store the transition item makes the code more readable
```

```
event.recipes.createSequencedAssembly([
    Item.of('spore_blossom').withChance(16.0), // this is the item that will appear in JEI as the result
    Item.of('flowering_azalea_leaves').withChance(16.0), // the rest of these items will part of the scrap
    Item.of('azalea_leaves').withChance(2.0),
    'oak_leaves',
    'spruce_leaves',
    'birch_leaves',
    'jungle_leaves',
    'acacia_leaves',
    'dark_oak_leaves'
  ],'flowering_azalea_leaves', [ // 'flowering_azalea_leaves' is the input
    // the transitional item is a varrible, that is "kubejs:incomplete_spore_blossom", and is used during the intermediate stages of the assembly
    event.recipes.createPressing(inter, inter),
    // like a normal recipe function, is used as a sequence step in this array. Input and output have the transitional item
    event.recipes.createDeploying(inter, [inter, 'minecraft:hanging_roots']),
    event.recipes.createFilling(inter, [inter, Fluid.of('minecraft:water',420)]),
    event.recipes.createDeploying(inter, [inter, 'minecraft:moss_carpet']),
     event.recipes.createCutting(inter, inter)
  ]).transitionalItem(inter).loops(2) // set the transitional item and the loops (amount of repetitions)
})
```

Transitional Items

As mentioned earlier, any item can be a transition item. However, this is not completely recommended.

If you wish to make your own transitional item, its best if you make the type `create:sequenced_assembly`.

1.16 syntax

```
onEvent('item.registry', event => {
  event.create('incomplete_spore_blossom').displayName('Incomplete Spore Blossom').type('create:sequenced_assembly')
})
```

1.18 syntax

```
onEvent('item.registry', event => {
	event.create('incomplete_spore_blossom','create:sequenced_assembly')
})
```

Mysterious Conversion

> Mysterious Conversion recipes are client side only, so the only way to add them currently is using reflection.

Example

Goes inside of **client scripts** and **not in an event**.

```
//makes the varribles used
let MysteriousItemConversionCategory =
java('com.simibubi.create.compat.jei.category.MysteriousItemConversionCategory')
let ConversionRecipe = java('com.simibubi.create.compat.jei.ConversionRecipe')

//adds in the recipes
MysteriousItemConversionCategory.RECIPES.add(ConversionRecipe.create('minecraft:apple', 'minecraft:carrot'))

MysteriousItemConversionCategory.RECIPES.add(ConversionRecipe.create('minecraft:golden_apple',
'minecraft:golden_carrot'))
```

Preventing Recipe Auto-Generation

If you don't want a smelting, blasting, smoking, crafting, or stone-cutting to get an auto-generated counter part, then include `manual_only` at the end of the recipe id.

Example

```
onEvent('recipes', event => {
	event.shapeless('wet_sponge',['water_bucket','sponge']).id('kubejs:moisting_the_sponge_manual_only')
})
```

Other types of prevention, can be done in the create config (the goggles button leads you there).

If it is not in the config, then you can not change it.

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