polyn-immutable

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"behavior": "given `immutable`, when initialized with functionsOnPrototype option, it should be comparable with deep equals"
"behaviors": [
  "given `immutable`",
  "when initialized with functionsOnPrototype option",
  "it should be comparable with deep equals
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T3720816098",
"count": 17,
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"behavior": "given `immutable`, when initialized with functionsOnPrototype option, it should be comparable with deep equals"
"behaviors": [
  "given `immutable`",
  "when initialized with functionsOnPrototype option",
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    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
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    "milliseconds": 0.23499992676079273,
    "microseconds": 234.99992676079273,
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  "then": {
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    "milliseconds": 0.18500001169741154,
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    "nanoseconds": 185000.01169741154
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    "milliseconds": 0.41999993845820427,
    "microseconds": 419.99993845820427,
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"testId": "T3378731568"
"time": 191834.99994687736,
"type": "START TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should return the value",
"behaviors": [
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  "when an immutable is constructed with valid input",
  "it should return the value"
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"batchId": "B1970572985",
"testId": "T1809451320",
"time": 193840.00007994473,
"type": "START TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should return a class that supports `i
"behaviors": [
  "given `immutable`",
```

```
"when an immutable is constructed with valid input'
  "it should return a class that supports `instanceof`"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T1868228119"
"time": 195629.9999728799,
"type": "START_TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should freeze the primitives, recursiv
"behaviors": [
  "given `immutable`",
 "when an immutable is constructed with valid input",
 "it should freeze the primitives, recursively (strict mode)"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2584733591",
"time": 197380.0000268966,
"type": "START TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should freeze the primitives, recursiv
"behaviors": [
  "given `immutable`",
 "when an immutable is constructed with valid input",
 "it should freeze the primitives, recursively ( not strict mode)"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T3978851634"
"time": 199699.9999973923,
"type": "START TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should freeze the functions",
"behaviors": [
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 "when an immutable is constructed with valid input",
 "it should freeze the functions"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2117899464"
"time": 201575.0000718981,
"type": "START_TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should clone functions defined in anot
"behaviors": [
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 "when an immutable is constructed with valid input",
  "it should clone functions defined in another scope
"suiteId": "SCFEA5C",
"batchId": "B1970572985"
"testId": "T4162694622"
"time": 203475.0001039356,
"type": "START TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should clone functions defined in anot
"behaviors": [
  "given `immutable`",
 "when an immutable is constructed with valid input",
 "it should clone functions defined in another scope (strict mode)"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2783448395",
"time": 205444.9999704957,
"type": "START TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should freeze the objects",
"behaviors": [
  "given `immutable`",
 "when an immutable is constructed with valid input",
 "it should freeze the objects"
"suiteId": "SCFEA5C"
"batchId": "B1970572985",
"testId": "T1134632789"
"time": 207380.00003620982,
"type": "START TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should freeze the arrays",
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
 "it should freeze the arrays"
```

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"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2289548824"
"time": 209534.99991446733,
"type": "START TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should freeze the values inside the ar
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should freeze the values inside the arrays
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2681499153"
"time": 211700.00010170043,
"type": "START_TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should NOT allow to mutate array conte
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should NOT allow to mutate array contents"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T3598350111"
"time": 213749.99987892807,
"type": "START TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should not allow property deletion",
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should not allow property deletion"
"suiteId": "SCFEA5C",
"batchId": "B1970572985"
"testId": "T830319501"
"time": 215654.99994903803,
"type": "START TEST",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should not allow property deletion (st
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should not allow property deletion (strict mode)"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T3378731568",
"count": 18,
"time": 221115.00008031726,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should return the value",
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should return the value"
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.0010649999603629112,
    "milliseconds": 1.0649999603629112,
    "microseconds": 1064.9999603629112,
    "nanoseconds": 1064999.9603629112
  "then": {
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    "milliseconds": 3.490000031888485,
    "microseconds": 3490.000031888485,
    "nanoseconds": 3490000.031888485
  "total": {
    "seconds": 0.004554999992251396,
    "milliseconds": 4.554999992251396,
    "microseconds": 4554.999992251396,
    "nanoseconds": 4554999.992251396
```

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"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T1809451320",
"count": 19,
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"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should return a class that supports `i
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should return a class that supports `instanceof
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.0010649999603629112,
    "milliseconds": 1.0649999603629112,
    "microseconds": 1064.9999603629112,
    "nanoseconds": 1064999.9603629112
  "then": {
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    "milliseconds": 5.815000040456653,
    "microseconds": 5815.000040456653,
    "nanoseconds": 5815000.040456653
  "total": {
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    "milliseconds": 6.880000000819564,
    "microseconds": 6880.000000819564,
    "nanoseconds": 6880000.000819564
"suiteId": "SCFEA5C",
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"testId": "T1868228119",
"count": 20,
"time": 226185.0000359118,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should freeze the primitives, recursive
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should freeze the primitives, recursively (strict mode)"
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.0010649999603629112,
    "milliseconds": 1.0649999603629112, "microseconds": 1064.9999603629112,
    "nanoseconds": 1064999.9603629112
  "then": {
    "seconds": 0.008559999987483025,
    "milliseconds": 8.559999987483025,
    "microseconds": 8559.999987483025,
    "nanoseconds": 8559999.987483025
  "total": {
    "seconds": 0.009624999947845936,
    "milliseconds": 9.624999947845936,
    "microseconds": 9624.999947845936,
    "nanoseconds": 9624999.947845936
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2584733591",
"count": 21,
"time": 228839.9999961257,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should freeze the primitives, recursiv
```

```
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should freeze the primitives, recursively ( not strict mode) "
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.0010649999603629112,
    "milliseconds": 1.0649999603629112,
"microseconds": 1064.9999603629112,
    "nanoseconds": 1064999.9603629112
  "then": {
    "seconds": 0.011214999947696924,
    "milliseconds": 11.214999947696924,
    "microseconds": 11214.999947696924,
    "nanoseconds": 11214999.947696924
   "total": {
    "seconds": 0.012279999908059835,
    "milliseconds": 12.279999908059835,
    "microseconds": 12279.999908059835,
    "nanoseconds": 12279999.908059835
"suiteId": "SCFEA5C",
"batchid": "B1970572985",
"testid": "T3978851634",
"count": 22,
"time": 231499.99999441206,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should freeze the functions",
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should freeze the functions"
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.0010649999603629112,
    "milliseconds": 1.0649999603629112,
    "microseconds": 1064.9999603629112,
    "nanoseconds": 1064999.9603629112
  "then": {
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    "milliseconds": 13.87499994598329,
"microseconds": 13874.99994598329,
"nanoseconds": 13874999.94598329
  "total": {
    "seconds": 0.014939999906346202,
    "milliseconds": 14.939999906346202,
    "microseconds": 14939.999906346202,
    "nanoseconds": 14939999.906346202
"suiteId": "SCFEA5C",
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"testId": "T2117899464",
"count": 23,
"time": 234179.99991215765,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should clone functions defined in anot
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should clone functions defined in another scope"
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
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```
"when": {
    "seconds": 0.0010649999603629112,
     "milliseconds": 1.0649999603629112,
     "microseconds": 1064.9999603629112,
     "nanoseconds": 1064999.9603629112
  "then": {
     "seconds": 0.01655499986372888,
     "milliseconds": 16.55499986372888, "microseconds": 16554.99986372888,
     "nanoseconds": 16554999.86372888
  "total": {
     "seconds": 0.017619999824091792,
     "milliseconds": 17.619999824091792,
    "microseconds": 17619.999824091792,
     "nanoseconds": 17619999.824091792
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T4162694622",
"count": 24,
"time": 236830.00006712973,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should clone functions defined in anot
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should clone functions defined in another scope (strict mode)"
"given": {
     "seconds": 0,
     "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
   "when": {
    "seconds": 0.0010649999603629112,
    "milliseconds": 1.0649999603629112, 
"microseconds": 1064.9999603629112,
     "nanoseconds": 1064999.9603629112
  },
"then": {
     "seconds": 0.019205000018700957,
     "milliseconds": 19.205000018700957,
     "microseconds": 19205.000018700957,
     "nanoseconds": 19205000.018700957
  "total": {
     "seconds": 0.02026999997906387,
    "milliseconds": 20.26999997906387,
"microseconds": 20269.99997906387,
"nanoseconds": 20269999.97906387
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2783448395",
"count": 25,
"time": 239615.0000859052,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should freeze the objects",
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should freeze the objects"
"duration": {
  "given": {
    "seconds": 0,
     "milliseconds": 0,
     "microseconds": 0,
     "nanoseconds": 0
  "when": {
    "seconds": 0.0010649999603629112,
     "milliseconds": 1.0649999603629112, "microseconds": 1064.9999603629112,
    "nanoseconds": 1064999.9603629112
     "seconds": 0.02199000003747642,
     "milliseconds": 21.99000003747642,
     "microseconds": 21990.00003747642,
```

```
"nanoseconds": 21990000.03747642
  "total": {
    "seconds": 0.02305499999783933,
    "milliseconds": 23.05499999783933,
"microseconds": 23054.99999783933,
    "nanoseconds": 23054999.99783933
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T1134632789",
"count": 26,
"time": 242785.00000946224,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should freeze the arrays",
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should freeze the arrays"
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.0010649999603629112,
    "milliseconds": 1.0649999603629112,
    "microseconds": 1064.9999603629112,
    "nanoseconds": 1064999.9603629112
  "then": {
    "seconds": 0.025159999961033463,
    "milliseconds": 25.159999961033463,
"microseconds": 25159.999961033463,
    "nanoseconds": 25159999.961033463
  "total": {
    "seconds": 0.026224999921396375,
    "milliseconds": 26.224999921396375,
    "microseconds": 26224.999921396375,
    "nanoseconds": 26224999.921396375
"suiteId": "SCFEA5C",
"batchid": "B1970572985",
"testid": "T2289548824",
"count": 27,
"time": 245640.00009559095,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should freeze the values inside the ar
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should freeze the values inside the arrays"
],
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.0010649999603629112,
    "milliseconds": 1.0649999603629112,
    "microseconds": 1064.9999603629112,
    "nanoseconds": 1064999.9603629112
  },
"then": {
    "seconds": 0.028015000047162175,
    "milliseconds": 28.015000047162175,
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    "nanoseconds": 28015000.047162175
    "seconds": 0.029080000007525086,
    "milliseconds": 29.080000007525086,
    "microseconds": 29080.000007525086,
    "nanoseconds": 29080000.007525086
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"suiteId": "SCFEA5C
"batchId": "B1970572985",
"testId": "T2681499153",
"count": 28,
"time": 248415.00003822148,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should NOT allow to mutate array conte
"behaviors": [
   "given `immutable`".
  "when an immutable is constructed with valid input",
  "it should NOT allow to mutate array contents"
"duration": {
   "given": {
     "seconds": 0,
    "milliseconds": 0,
     "microseconds": 0,
    "nanoseconds": 0
   "when": {
     "seconds": 0.0010649999603629112,
     "milliseconds": 1.0649999603629112,
     "microseconds": 1064.9999603629112,
     "nanoseconds": 1064999.9603629112
   "then": {
     "seconds": 0.030784999951720238,
     "milliseconds": 30.784999951720238, "microseconds": 30784.999951720238,
     "nanoseconds": 30784999.951720238
   "total": {
     "seconds": 0.03184999991208315,
    "milliseconds": 31.84999991208315,
"microseconds": 31849.99991208315,
    "nanoseconds": 31849999.91208315
"suiteId": "SCFEA5C",
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"testId": "T3598350111",
"count": 29,
"time": 251385.00006869435,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should not allow property deletion",
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
  "it should not allow property deletion"
"duration": {
  "given": {
     "seconds": 0,
     "milliseconds": 0,
     "microseconds": 0,
    "nanoseconds": 0
   "when": {
     "seconds": 0.0010649999603629112,
     "milliseconds": 1.0649999603629112,
     "microseconds": 1064.9999603629112,
     "nanoseconds": 1064999.9603629112
   "then": {
    "seconds": 0.03375499998219311,
    "milliseconds": 33.75499998219311,
"microseconds": 33754.99998219311,
     "nanoseconds": 33754999.98219311
   "total": {
     "seconds": 0.034819999942556024,
    "milliseconds": 34.819999942556024,
"microseconds": 34819.99994255602,
"nanoseconds": 34819999.94255602
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T830319501",
"count": 30,
"time": 254355.00009916723,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with valid input, it should not allow property deletion (st
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with valid input",
```

```
"it should not allow property deletion (strict mode)'
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
   "when": {
    "seconds": 0.0010649999603629112,
    "milliseconds": 1.0649999603629112,
    "microseconds": 1064.9999603629112,
    "nanoseconds": 1064999.9603629112
  },
"then": {
    "seconds": 0.03672500001266599,
    "milliseconds": 36.72500001266599,
    "microseconds": 36725.00001266599,
    "nanoseconds": 36725000.01266599
  "total": {
    "seconds": 0.0377899999730289,
    "milliseconds": 37.7899999730289,
"microseconds": 37789.9999730289,
    "nanoseconds": 37789999.9730289
"suiteId": "SCFEA5C",
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"testId": "T2354375029",
"time": 258059.99990552664,
"type": "START_TEST",
"behavior": "given `immutable`, when an immutable is constructed with an instance of another immutable, it should return the
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with an instance of another immutable",
  "it should return the value"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2354375029",
"count": 31,
"time": 261505.0000604242,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an immutable is constructed with an instance of another immutable, it should return the
"behaviors": [
   "given `immutable`",
  "when an immutable is constructed with an instance of another immutable",
  "it should return the value"
"duration": {
   "given": {
    "seconds": 0.00000500003807246685,
    "milliseconds": 0.00500003807246685,
    "microseconds": 5.00003807246685,
    "nanoseconds": 5000.03807246685
  "when": {
    "seconds": 0.00029000011272728443,
    "milliseconds": 0.29000011272728443,
    "microseconds": 290.00011272728443,
"nanoseconds": 290000.11272728443
    "seconds": 0.00021500000730156898,
    "milliseconds": 0.21500000730156898,
"microseconds": 215.00000730156898,
    "nanoseconds": 215000.00730156898
   "total": {
    "seconds": 0.0005100001581013203,
    "milliseconds": 0.5100001581013203,
    "microseconds": 510.00015810132027,
    "nanoseconds": 510000.15810132027
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2789853614"
"time": 265080.0000410527,
"type": "START_TEST",
"behavior": "given `immutable`, when an immutable is constructed with invalid input, it should throw",
"behaviors": [
  "given `immutable`",
  "when an immutable is constructed with invalid input",
```

```
"it should throw"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2789853614",
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"behaviors": [
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  "when an immutable is constructed with invalid input",
  "it should throw"
"duration": {
  "given": {
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    "milliseconds": 0,
    "microseconds": 0,
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   "when": {
    "seconds": -1,
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    "microseconds": -1,
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  },
"then": {
    "seconds": 0.00012500002048909664,
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"testId": "T2676344648",
"time": 271560.0000228733,
"type": "START TEST",
"behavior": "given `immutable`, when an immutable is constructed with null input, it should throw",
"behaviors": [
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  "when an immutable is constructed with null input",
  "it should throw"
"suiteId": "SCFEA5C",
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"count": 33,
"time": 274720.00010311604,
"type": "TEST",
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"behaviors": [
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  "when an immutable is constructed with null input",
  "it should throw"
"duration": {
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    "milliseconds": 0.004999805241823196,
    "microseconds": 4.999805241823196,
    "nanoseconds": 4999.805241823196
  "when": {
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    "microseconds": -1,
    "nanoseconds": -1
    "seconds": 0.00013500009663403034,
    "milliseconds": 0.13500009663403034,
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  "total": {
    "seconds": 0.00013999990187585354,
    "milliseconds": 0.13999990187585354,
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"microseconds": 139.99990187585354,
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"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T775081587",
"time": 282349.99999403954,
"type": "START_TEST",
"behavior": "given `immutable`, when an immutable is constructed with undefined input, it should throw",
"behaviors": [
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  "when an immutable is constructed with undefined input",
  "it should throw"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T775081587",
"count": 34,
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"type": "TEST",
"status": "PASSED",
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"behaviors": [
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  "when an immutable is constructed with undefined input",
  "it should throw"
"duration": {
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  "when": {
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    "milliseconds": 0.17499993555247784,
    "microseconds": 174.99993555247784,
"nanoseconds": 174999.93555247784
  "total": {
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    "milliseconds": 0.17499993555247784,
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"suiteId": "SCFEA5C",
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"testId": "T930823784",
"time": 290594.9999112636,
"type": "START_TEST",
"behavior": "given `immutable`, when an immutable is constructed with a valid null value in the input, it should return the
"behaviors": [
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  "when an immutable is constructed with a valid null value in the input",
  "it should return the value"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T930823784",
"count": 35,
"time": 294174.99992996454,
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"behaviors": [
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  "when an immutable is constructed with a valid null value in the input",
  "it should return the value"
"duration": {
  "given": {
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    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
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"when": {
    "seconds": 0.0002000001259148121,
    "milliseconds": 0.2000001259148121,
    "microseconds": 200.0001259148121,
    "nanoseconds": 200000.1259148121
  "then": {
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    "milliseconds": 0.1900000497698784,
"microseconds": 190.0000497698784,
    "nanoseconds": 190000.0497698784
  "total": {
    "seconds": 0.0003900001756846905,
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"time": 297939.9999603629,
"type": "START_TEST",
"behavior": "given `immutable`, when an instance of an immutable is enumerated with Object.keys, prototype functions should
"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is enumerated with Object.keys",
  "prototype functions should not show up"
"suiteId": "SCFEA5C",
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"count": 36,
"time": 301574.9999321997,
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"status": "PASSED",
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"behaviors": [
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  "when an instance of an immutable is enumerated with Object.keys",
  "prototype functions should not show up"
"duration": {
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    "milliseconds": 0,
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  "then": {
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    "milliseconds": 0.26999996043741703,
    "microseconds": 269.99996043741703,
    "nanoseconds": 269999.96043741703
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    "microseconds": 464.9998154491186,
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"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2542537529",
"time": 306619.99993026257,
"type": "START TEST",
"behavior": "given `immutable`, when an instance of an immutable is `patch`ed, it should only patch the values that are give
"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is `patch`ed",
  "it should only patch the values that are given"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T176323384"
"time": 310039.9998947978,
"type": "START_TEST",
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"behavior": "given `immutable`, when an instance of an immutable is `patch`ed, it should return a class that supports `insta
"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is `patch`ed",
  "it should return a class that supports `instanceof`"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T4148801186",
"time": 313300.00003799796,
"type": "START TEST",
"behavior": "given `immutable`, when an instance of an immutable is `patch`ed, it should not mutate the original object",
"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is `patch`ed",
  "it should not mutate the original object"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2542537529",
"count": 37,
"time": 317329.9999907613,
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"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is `patch`ed",
  "it should only patch the values that are given
"duration": {
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    "milliseconds": 0.00500003807246685,
    "microseconds": 5.00003807246685,
    "nanoseconds": 5000.03807246685
  "when": {
    "seconds": 0.0014500000979751348,
    "milliseconds": 1.4500000979751348,
    "microseconds": 1450.0000979751348,
    "nanoseconds": 1450000.0979751348
  "then": {
    "seconds": 0.0007949999999254942,
    "milliseconds": 0.7949999999254942,
    "microseconds": 794.9999999254942,
    "nanoseconds": 794999.9999254942
  "total": {
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    "milliseconds": 2.250000135973096,
    "microseconds": 2250.000135973096,
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"suiteId": "SCFEA5C",
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"testId": "T176323384",
"count": 38,
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"type": "TEST",
"status": "PASSED",
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"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is `patch`ed",
  "it should return a class that supports `instanceof`"
"duration": {
  "given": {
    "seconds": 0.00000500003807246685,
    "milliseconds": 0.00500003807246685,
    "microseconds": 5.00003807246685,
    "nanoseconds": 5000.03807246685
  "when": {
    "seconds": 0.0014500000979751348,
    "milliseconds": 1.4500000979751348,
    "microseconds": 1450.0000979751348,
    "nanoseconds": 1450000.0979751348
  "then": {
    "seconds": 0.004549999954178929,
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"milliseconds": 4.549999954178929, "microseconds": 4549.999954178929, "nanoseconds": 4549999.954178929

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"total": {
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    "milliseconds": 6.005000090226531,
    "microseconds": 6005.000090226531,
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"testId": "T4148801186",
"count": 39,
"time": 325024.99991096556,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an instance of an immutable is `patch`ed, it should not mutate the original object",
"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is `patch`ed",
  "it should not mutate the original object"
"duration": {
  "given": {
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    "milliseconds": 0.00500003807246685,
    "microseconds": 5.00003807246685,
    "nanoseconds": 5000.03807246685
  "when": {
    "seconds": 0.0014500000979751348,
    "milliseconds": 1.4500000979751348,
    "microseconds": 1450.0000979751348,
    "nanoseconds": 1450000.0979751348
  "then": {
    "seconds": 0.008489999920129776,
    "milliseconds": 8.489999920129776,
    "microseconds": 8489.999920129776,
    "nanoseconds": 8489999.920129776
  "total": {
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    "milliseconds": 9.945000056177378,
    "microseconds": 9945.000056177378,
    "nanoseconds": 9945000.056177378
"suiteId": "SCFEA5C",
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"time": 330330.00002615154,
"type": "START TEST",
"behavior": "given `immutable`, when an instance of an immutable is cast `toObject`, it should return all of the values",
"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is cast `toObject`",
  "it should return all of the values"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T1131854492",
"time": 333899.99996870756,
"type": "START_TEST",
"behavior": "given `immutable`, when an instance of an immutable is cast `toObject`, the values should be writable",
"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is cast `toObject`",
  "the values should be writable"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T647668896",
"time": 337550.00005476177,
"type": "START_TEST",
"behavior": "given `immutable`, when an instance of an immutable is cast `toObject`, it should not throw on null values",
"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is cast `toObject`",
  "it should not throw on null values"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T331286067",
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"count": 40,
"time": 342829.9999795854,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an instance of an immutable is cast `toObject`, it should return all of the values",
"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is cast `toObject`",
  "it should return all of the values"
],
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.001129999989643693,
    "milliseconds": 1.129999989643693, "microseconds": 1129.999989643693,
    "nanoseconds": 1129999.989643693
  "then": {
    "seconds": 0.0013150000013411045,
    "milliseconds": 1.3150000013411045,
    "microseconds": 1315.0000013411045,
    "nanoseconds": 1315000.0013411045
   "total": {
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    "milliseconds": 2.4449999909847975,
    "microseconds": 2444.9999909847975,
    "nanoseconds": 2444999.9909847975
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"behavior": "given `immutable`, when an instance of an immutable is cast `toObject`, the values should be writable",
"behaviors": [
  "given `immutable`".
  "when an instance of an immutable is cast `toObject`",
  "the values should be writable"
"duration": {
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    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.001129999989643693,
    "milliseconds": 1.129999989643693,
    "microseconds": 1129.999989643693,
    "nanoseconds": 1129999.989643693
  "then": {
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    "milliseconds": 5.979999899864197,
"microseconds": 5979.999899864197,
"nanoseconds": 5979.999.899864197
  "total": {
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    "milliseconds": 7.10999988950789, 
"microseconds": 7109.99988950789,
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"suiteId": "SCFEA5C",
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"testId": "T647668896",
"count": 42,
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"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when an instance of an immutable is cast `toObject`, it should not throw on null values",
"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is cast `toObject`",
  "it should not throw on null values"
"duration": {
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"given": {
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    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
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    "seconds": 0.001129999989643693,
    "milliseconds": 1.129999989643693, "microseconds": 1129.999989643693,
    "nanoseconds": 1129999.989643693
  "then": {
    "seconds": 0.010269999969750643,
    "milliseconds": 10.269999969750643, "microseconds": 10269.999969750643,
    "nanoseconds": 10269999.969750643
  "total": {
    "seconds": 0.011399999959394336,
    "milliseconds": 11.399999959394336,
    "microseconds": 11399.999959394336,
    "nanoseconds": 11399999.959394336
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2355015786"
"time": 356829.9999460578,
"type": "START_TEST",
"behavior": "given `immutable`, when an instance of an immutable is cast `toObject` with options, and `removeFunctions` is t
"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is cast `toObject` with options",
  "and `removeFunctions` is true, it should return all of the values, except for functions"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2355015786",
"count": 43,
"time": 361534.99991633,
"type": "TEST",
"status": "PASSED",
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"behaviors": [
  "given `immutable`",
  "when an instance of an immutable is cast `toObject` with options",
  "and `removeFunctions` is true, it should return all of the values, except for functions"
"duration": {
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    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.0006500000599771738,
    "milliseconds": 0.6500000599771738,
    "microseconds": 650.0000599771738,
    "nanoseconds": 650000.0599771738
  },
"then": {
    "seconds": 0.0006049999501556158,
    "milliseconds": 0.6049999501556158,
    "microseconds": 604.9999501556158,
    "nanoseconds": 604999.9501556158
  "total": {
    "seconds": 0.0012550000101327896,
    "milliseconds": 1.2550000101327896,
    "microseconds": 1255.0000101327896,
    "nanoseconds": 1255000.0101327896
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2937703443",
"time": 368215.0000240654,
"type": "START TEST",
"behavior": "given `immutable`, when the scope of properties used to construct an instance of an immutable change, make sure
"behaviors": [
  "given `immutable`",
  "when the scope of properties used to construct an instance of an immutable change ",
  "make sure the fixture is in a good state to start"
```

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"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T3044950036",
"time": 372574.9999284744,
"type": "START TEST",
"behavior": "given `immutable`, when the scope of properties used to construct an instance of an immutable change, the origi
"behaviors": [
  "given `immutable`",
  "when the scope of properties used to construct an instance of an immutable change ",
  "the original state can change"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T3937129236",
"time": 376699.9999061227,
"type": "START TEST",
"behavior": "given `immutable`, when the scope of properties used to construct an instance of an immutable change, reference
"behaviors": [
  "given `immutable`",
  "when the scope of properties used to construct an instance of an immutable change ",
  "references outside of the scope of the immutable are NOT broken - they CAN mutate"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T2937703443",
"count": 44,
"time": 382625.0000856817,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when the scope of properties used to construct an instance of an immutable change, make sure
"behaviors": [
  "given `immutable`",
  "when the scope of properties used to construct an instance of an immutable change ",
  "make sure the fixture is in a good state to start"
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.00008499994874000549,
    "milliseconds": 0.0849999487400055,
    "microseconds": 84.9999487400055,
    "nanoseconds": 84999.9487400055
  "then": {
    "seconds": 0.0018400000408291817,
    "milliseconds": 1.8400000408291817,
    "microseconds": 1840.0000408291817,
    "nanoseconds": 1840000.0408291817
  "total": {
    "seconds": 0.0019249999895691872,
    "milliseconds": 1.9249999895691872, "microseconds": 1924.9999895691872,
    "nanoseconds": 1924999.9895691872
"suiteId": "SCFEA5C",
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"count": 45,
"time": 386859.99996960163,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when the scope of properties used to construct an instance of an immutable change, the original
"behaviors": [
  "given `immutable`",
  "when the scope of properties used to construct an instance of an immutable change ",
  "the original state can change"
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.00008499994874000549,
    "milliseconds": 0.0849999487400055,
    "microseconds": 84.9999487400055,
    "nanoseconds": 84999.9487400055
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"then": {
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    "milliseconds": 6.069999886676669,
    "microseconds": 6069.999886676669,
    "nanoseconds": 6069999.886676669
  "total": {
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    "milliseconds": 6.154999835416675,
    "microseconds": 6154.999835416675,
    "nanoseconds": 6154999.835416675
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"testId": "T3937129236",
"count": 46,
"time": 391400.00008046627,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when the scope of properties used to construct an instance of an immutable change, reference
"behaviors": [
  "given `immutable`",
  "when the scope of properties used to construct an instance of an immutable change ",
 "references outside of the scope of the immutable are NOT broken - they CAN mutate"
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": 0.00008499994874000549,
    "milliseconds": 0.0849999487400055,
    "microseconds": 84.9999487400055,
    "nanoseconds": 84999.9487400055
  "then": {
    "seconds": 0.010609999997541308,
    "milliseconds": 10.609999997541308,
    "microseconds": 10609.999997541308,
    "nanoseconds": 10609999.997541308
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"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T34662498"
"time": 396084.9998984486,
"type": "START TEST",
"behavior": "given `immutable`, when a new `Immutable` is constructed/configured, it should let you set the Validator",
"behaviors": [
  "given `immutable`",
 "when a new `Immutable` is constructed/configured",
 "it should let you set the Validator"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T1772791911",
"time": 400179.9998804927,
"type": "START TEST",
"behavior": "given `immutable`, when a new `Immutable` is constructed/configured, it should support using JSON Schema",
"behaviors": [
  "given `immutable`",
 "when a new `Immutable` is constructed/configured",
 "it should support using JSON Schema"
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T34662498",
"count": 47,
"time": 413480.00010475516,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when a new `Immutable` is constructed/configured, it should let you set the Validator",
"behaviors": [
 "given `immutable`",
```

```
"when a new `Immutable` is constructed/configured",
  "it should let you set the Validator"
"duration": {
  "given": {
    "seconds": 0,
    "milliseconds": 0,
    "microseconds": 0,
    "nanoseconds": 0
  "when": {
    "seconds": -1,
    "milliseconds": -1,
    "microseconds": -1,
    "nanoseconds": -1
  "then": {
    "seconds": 0.009045000188052654,
    "milliseconds": 9.045000188052654, "microseconds": 9045.000188052654,
    "nanoseconds": 9045000.188052654
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    "nanoseconds": 9045000.188052654
"suiteId": "SCFEA5C",
"batchId": "B1970572985",
"testId": "T1772791911",
"count": 48,
"time": 419054.9999475479,
"type": "TEST",
"status": "PASSED",
"behavior": "given `immutable`, when a new `Immutable` is constructed/configured, it should support using JSON Schema",
"behaviors": [
  "given `immutable`",
  "when a new `Immutable` is constructed/configured",
  "it should support using JSON Schema"
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    "nanoseconds": 14614999.992772937
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    "milliseconds": 14.614999992772937,
    "microseconds": 14614.999992772937,
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"batchId": "B1970572985",
"testId": "T2036520937",
"count": 49,
"time": 424159.9999368191,
"type": "TEST",
"status": "SKIPPED",
"behavior": "given `immutable`, benchmark, compared to regular objects (note ~1/2+ the time is blueprint validation)",
"behaviors": [
  "given `immutable`
  "// benchmark",
  "compared to regular objects (note ~1/2+ the time is blueprint validation)"
"suiteId": "SCFEA5C",
"time": 429114.99994806945,
"type": "END",
"plan": {
  "count": 49,
  "completed": 49,
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    "T2454945570",
    "T2454782803",
    "T3660015781",
    "T2794269929",
    "T115500802",
    "T1412403848",
    "T3774403453",
    "T3839474028",
    "T3570737992",
    "T3248676982",
    "T3720816098",
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    "T1809451320",
    "T1868228119",
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    "T2117899464",
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    "T2783448395",
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    "T2289548824",
    "T2681499153",
    "T3598350111",
    "T830319501",
    "T2354375029",
    "T2789853614",
    "T2676344648",
    "T775081587",
    "T930823784",
    "T3908645753",
    "T2542537529",
    "T176323384",
    "T4148801186",
    "T331286067",
    "T1131854492",
    "T647668896",
    "T2355015786",
    "T2937703443",
    "T3044950036",
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    "T34662498",
    "T1772791911",
    "T2036520937"
"totals": {
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  "skipped": 1,
  "failed": 3,
  "broken": 0,
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  "endTime": 428894.9999026954,
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}