Isolating General Failure Conditions

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**Input**

```java
public void testBrazil() {
    String brazil = "America/Sao_Paulo";
    DateTimeZone dtz = DateTimeZone.forID(brazil);
    LocalDate date = new LocalDate(2009, 10, 18);
    Interval interval = date.toInterval(dtz);
}
```

**Failure Condition**

```java
isDaylightCutDay()
&&
(cutoverTime = 00:00:00)
```

**Current State of our Work**

Negating individual constraints of an execution path

Converges locally

Diverges globally

**Future Work**

1) Create executions similar to failing runs
2) Gather facts:
   - definition/usage-pairs
   - path conditions
   - branches
   - loop iterations
   - variable values
3) Find differences