Bugs Framework (BF) Vulnerability Model

Cause

Weakness Type$_{i1}$

Consequence

Bug $_i$ → Operation $_{i1}$ → Error $_{i1}$

...

Cause

Weakness Type $_{iN}$

Consequence

Fault $_{iN-1}$ → Operation $_{iN}$ → Final Error $_i$

...

Cause

Weakness Type$_{j1}$

Consequence

Bug $_j$ → Operation $_{j1}$ → Error $_{j1}$

...

Cause

Weakness Type $_{Mj}$

Consequence

Fault $_{jN-1}$ → Operation $_{jM}$ → Final Error $_j$

$\oplus$

...

Failure $_K$

| Bug | Operation | Error/Fault | Final Error | Failure |