

## Infection Code Analysis

### # Original Code

```
Int main(int argc, char** argv)
{
    for (;;)                # This is a forever loop
        system(argv[0]);    # Runs argv[0] in the system command prompt
                            # argv[0] is itself so it runs its own file repeatedly,
                            # exponentially growing and overloading the system
}
```

This infectious code is intended to exponentially grow on its own system, repeatedly opening and running, creating new instances of itself faster than can be closed. If left unchecked, this code will overload the system causing it to crash or freeze.