**Source of Mischief**

The source code of the Melissa e-mail virus breaks down into distinct functions [colored blocks]: the virus neutralizes defenses by turning off macro warning messages in Microsoft Word, transmits itself by e-mail to other computers, infects other Word documents edited on the affected system, and finally delivers its payload—a quote from "The Simpsons" TV show. Melissa will refrain from transmitting itself by e-mail if the target computer has already been infected and uses different code for handling different versions of Word. [Arrows indicate program flow.] Slight changes have been made to this source code to render it harmless.