A post-mortem empirical investigation of the popularity and distribution of malware files in the contemporary web-facing internet

This short empirical paper investigates a snapshot of about two million files from a continuously updated big data collection maintained by F-Secure for security intelligence purposes. By further augmenting the snapshot with open data covering about a half of a million files, the paper examines two questions: (a) what is the shape of a probability distribution characterizing the relative share of malware files to all files distributed from web-facing Internet domains, and (b) what is the distribution shaping the popularity of malware files? A bimodal distribution is proposed as an answer to the former question, while a graph theoretical definition for the popularity concept indicates a long-tailed, extreme value distribution. With these two questions - and the answers thereto, the paper contributes to the attempts to understand large-scale characteristics of malware at the grand population level - at the level of the whole Internet.

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Framing the local food experience: a case study of a Finnish pop-up restaurant

Purpose: The purpose of this paper is to analyse how Finnish customers at the pop-up restaurant event Trip to Province, which took place in South Ostrobothnia, Finland, make sense of the locality. Design/methodology/approach: The data consist of 3 group interviews and 18 respondents, whose responses were analysed using a frame analysis. Findings: Locality is discussed in the context of three frames: the immediate surroundings, the Finnish national ethos and the global discourses of food enthusiasts. The results show that, in terms of local food events, locality comprises not only food, but also place, people and cultural context conveying national and global elements. Research limitations/implications: The data of this study are limited in size, and limited to the Finnish context. Practical implications: Local food events could be promoted to locals and nearby residents, not just to tourists. With the design of the eating environment (music and visuals), the local food experience can be enhanced. Social implications: Local food events strengthen the residents’ regional identity. Originality/value: The research setting for this paper is original; the study takes part in the scarce discussion about gastronomic tourism in Finland. The study broadens the view that local food is just about food; regarding local food events, locality also entails place, people, nationality and globality.

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