

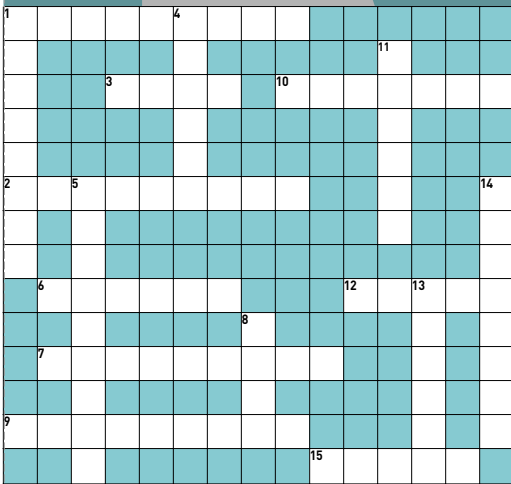
Business English

This is a part of an interview with Dr. Inder Singh, CEO of LynuxWorks. After read this paragraph, complete the crossword puzzle.

Q: What challenges does embedded Linux face as a technology?

A: An open challenge for embedded Linux is how to address markets that require certification for safety such as DO-178B or security such as the Common Criteria certification. Reliability and security are becoming increasingly important for embedded systems as they become more pervasive, and Linux has a pretty good record in this area compared to, for example, Windows. But for the highest levels of certification in these areas, there are stringent development process and documentation requirements that include complete traceability between requirements, high level and detailed design, implementation, and verification. It is not clear how these requirements can be reconciled with the community-oriented open source development methodology. Fragmentation remains another issue. The Open Source developer community, the open multi-vendor nature of embedded Linux, and the wide range of choices available to users are major strengths. But they also present the risk, both real and perceived, of divergence and fragmentation. The memory of the Unix wars is still fresh in our memory. Vendors of proprietary systems are threatened enough by Linux to use this threat of fragmentation in the campaign of fear, uncertainty and doubt (FUD) that has been unleashed against Linux. All embedded Linux distributions start with the same kernel from Linus Torvalds and team and there is, in fact, a high level of compatibility between them. However, different vendors add value in their own unique enhancements and sub-set the system in different ways to reduce footprint. Developers can further modify and configure the system in different ways. For Linux to achieve its potential as the unifying open standard for embedded applications, it is critical to provide an assurance that any embedded middleware or application software, which follows an appropriate set of guidelines, will be supported by all conforming embedded Linux products from any vendor.

- From LinuxDevices.com's CEO/CTO interview series



CROSS

- ❶ present or noticeable in every part of a thing or place
- ❷ you ensure that what has been planned is done
- ❸ the possibility of something bad happening
- ❹ someone who is selling something
- ❺ having a very severe effect, or being extremely limiting
- ❻ possible to find the origin of something
- ❼ to release suddenly a strong, uncontrollable and usually destructive force
- ❽ a feeling of uncertainty about something
- ❾ a position within a system in which people are arranged according to their importance

DOWN

- ❶ to become aware of something that is obvious
- ❷ a set of connected items or devices which operate together
- ❸ possible when the necessary conditions exist
- ❹ existing in fact; not imaginary
- ❺ the edible part of a nut that is inside the shell
- ❻ being the only existing one of its type
- ❼ of the greatest importance to the way things might happen



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| 새 | 책 | 안 | 내 |

국민소득 3만불 시대를 연다 《6시그마 國富論》



삼성 에버랜드 경영혁신팀에 몸담고 있으면서 삼성 전 계열사에서 6시그마 혁신을 주도하고 있는 나수천이 쓴 책. 그동안 외국의 사례를 소개하는 수준에 그쳤던 여타 6시그마 관련 서적과 달리 이 책은 국내 기업의 6시그마 적용 사례를 수집하여 제조, 서비스, 유통, 금융 등 전 분야에 적용이 가능한 문제해결 매뉴얼을 정리하였다. 6시그마가 제시하는 혁신전략 5단계는 D-M-A-I-C 단계를 말하는데, 기업뿐만 아니라 우리 일상생활이나 사회활동에도 적용할 수 있다. 이 책은 '출근 시간에 늦지 않기 위해 빠른 길을 선택하는 방법', '전자회사의 불량품 관리도 측정하기' 등 구체적 사례를 통해 6시그마법을 5단계별로 해설한다. 저자는 21세기 치열한 생존경쟁의 필수요소로 6시그마를 꼽으면서, 우리 민족의 강점인 감(感)과 기(氣)에 6시그마 철학을 더한다면 국민소득 3만불의 선진국으로 가는 열쇠를 얻을 것이라고 말한다. (길벗 펴냄)