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Big Language Solutions (BIG) announced the acquisition of UK-based life sciences translation specialist, Dora Wirth Languages (DWL). The terms of the transaction, which closed on July 1, 2021, were ...

Big Language Solutions Buys Life Sciences Specialist Dora Wirth Languages
With more than 3 million registered users, the mySugr, a digital diabetes management, that aims to simplify life with diabetes. – The mySugr app is an integral part of Roche's open ecosystem and its ...

Roche launches the mySugr® App in Thailand
There's no perfect teaching approach guaranteed to prepare student teachers to teach subjects in English in a multilingual environment. But there are things universities can do to prepare them.

Teacher training needs a rethink to integrate language and subject learning
The FCC is considering granting three petitions of reconsideration to the Part 95 Personal Radio Services Rules for various short-range, low-power radio services – including the CB radio service, ...

FCC to Consider Changes to Part 95 Rules
Quext, a smart building and property management platform built by multi-family and apartment industry experts, today announced its majority stake acquisition of Viva Equity. Viva Equity's current ...

Quext Buys Majority Stake in Fintech Viva Equity Creating Embedded Finance Opportunity in Multi-family Proptech
The Environment + Energy Leader Awards recognize excellence in products and services that provide companies with energy, environmental and sustainability benefits through innovati ...

ehsAI Earns 2021 Top Product of the Year from Environment + Energy Leader
The platform prevents incidents from escalating into outages, enables rapid incident and outage resolution with automated root cause analysis, and automates manual tasks to speed up incident response.

A guide to APM solutions
Multilingual NLP: Where everyone is a Babel fish We live in a global, multilingual world where large-scale success means reaching markets outside our home country or language community. As a result, ...

Lost in Translation: Why Native Language NLP Wins Out Over NLP Built on Machine-Translated Text
Translation agency and tech company hires at XTM International, Acolad Group, Divergent Language Solutions, and LanguageWire.

Language Industry Hires at XTM, Acolad, Divergent, and LanguageWire
Converting unstructured, handwritten, scanned documents into digital, searchable, computer-readable documents is one of the biggest challenges faced by many organizations.

Machine Learning Can Set Your Document Data Free - Here's How
Plus, Gemballa makes an off-road 911, Elantra N comes with a manual, EU says no to emissions, and F1's first-ever sprint race.

New Opel Astra, Aston Valhalla, BMW's Secret 7-Series, And The World's Biggest RX Fan: Your Weekly Brief
"B2B and B2C ecommerce businesses and marketplaces alike can benefit from automated solutions to simplify the entire VAT compliance life cycle from registrations to calculations to reporting." On July ...

Avalara Enhances VAT Solutions to Enable Global Businesses to Manage VAT Registrations, Calculations, and Reporting
Liberty Global has been explaining how it achieves a 'real TV experience' for consumers when conducting advertising insertion into adaptive bit rate IP video streams – something that requires service ...

Liberty Global explains how it achieves a 'real TV experience' within IP dynamic ad insertion
And then, if those solutions evolve into standards, that's spectacular. Explain the concept behind the Kestrel threat-hunting language, and the value it introduces. Kestrel has been under ...

Built to ease SOC analysts' burdens, Kestrel threat-hunting language gains an audience
Zebra Technologies announces its intention to purchase Fetch Robotics. Two leaders within industrial environments are joining forces as Zebra Technologies announced its intention to acquire Fetch ...

Zebra Fetches Automation Integration
If done correctly, it can be a game-changer—especially if you are like so many manufacturers—drowning in wasteful manual processes ... proximity sensing, natural language processing and other ...

5 Ways to Step Up Your E-Commerce Strategy
"Older technology solutions for e-discovery focused ... far-reaching and require less manual training. "Natural language processing techniques and capabilities are moving quickly and becoming ...

The Next Frontier for E-Discovery's AI? Even Less Need for Training or Large Data Sets
RPA solutions rose to prominence among digitalizing companies as a way to automate the mundane, repetitive processes that form the foundation of every business, says Ronen Lamdan, the CEO for the ...

Intelligent automation helps retailers find opportunity in a crisis
It combines AI with Optical Character Recognition (OCR), Business rule framework and Automation to provide an end-to-end solution to digitize ... Natural Language Processing (NLP), Fuzzy Logic ...

Kanverse.ai Launches the Emerald release of its Intelligent Document Processing Product (IDP) Focused on Empowering Teams Through Collaboration
Artificial Intelligence (AI) solutions have started to support the ... spending weeks and months and significant dollars on manual reviews by technical subject matter experts and counsel.

Suitable for those with some background in digital logic and high-level programming, this work serves as a text for new programmers, as well as a reference for students and professionals. It focuses on what is needed to compile for ARM, details real assembly uses, and explores situations that programmers may ultimately encounter.

Modern Assembly Language Programming with the ARM Processor is a tutorial-based book on assembly language programming using the ARM processor. It presents the concepts of assembly language programming in different ways, slowly building from simple examples towards complex programming on bare-metal embedded systems. The ARM processor was chosen as it has fewer instructions and irregular addressing rules to learn than most other architectures, allowing more time to spend on teaching assembly language programming concepts and good programming practice. In this textbook, careful consideration is given to topics that students struggle to grasp, such as registers vs. memory and the relationship between pointers and addresses, recursion, and non-integral binary mathematics. A whole chapter is dedicated to structured programming principles. Concepts are illustrated and reinforced with a large number of tested and debugged assembly and C source listings. The book also covers advanced topics such as fixed and floating point mathematics, optimization, and the ARM VFP and NEONTM extensions. PowerPoint slides and a solutions manual are included. This book will appeal to professional embedded systems engineers, as well as computer engineering students taking a course in assembly language using the ARM processor. Concepts are illustrated and reinforced with a large number of tested and debugged assembly and C source listing Intended for use on very low-cost platforms, such as the Raspberry Pi or pcDuino, but with the support of a full Linux operating system and development tools Includes discussions of advanced topics, such as fixed and floating point mathematics, optimization, and the ARM VFP and NEON extensions

Assembly language is as close to writing machine code as you can get without writing in pure hexadecimal. Since it is such a low-level language, it's not practical in all cases, but should definitely be considered when you're looking to maximize performance. With Assembly Language by Chris Rose, you'll learn how to write x64 assembly for modern CPUs, first by writing inline assembly for 32-bit applications, and then writing native assembly for C++ projects. You'll learn the basics of memory spaces, data segments, CISC instructions, SIMD instructions, and much more. Whether you're working with Intel, AMD, or VIA CPUs, you'll find this book a valuable starting point since many of the instructions are shared between processors.This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject .We hope you find this book useful in shaping your future career & Business.

This introduction to the organization and programming of the 8086 family of microprocessors used in IBM microcomputers and compatibles is comprehensive and thorough. Includes coverage of I/O control, video/graphics control, text display, and OS/2. Strong pedagogy with numerous sample programs illustrates practical examples of structured programming.

Written by the director of ARM's worldwide academic program, this volume gives computer science professionals and students an edge, regardless of their preferred coding language. For those with some basic background in digital logic and high-level programming, the book examines code relevant to hardware and peripherals found on today's microcontrollers and looks at situations all programmers will eventually encounter. The book's carefully chosen examples teach easily transferrable skills that will help readers optimize routines and significantly streamline coding, especially in the embedded space. This book is easily adaptable for classroom use. Instructors can access features that include a solutions manual, assembly language basics, problems, and actual code. The book also provides access to a fully functional evaluation version of the RealView Microcontroller Development Kit from Keil. While it is still an important skill, getting good instruction in assembly language is not easy. The availability of languages such as C and Java foster the belief that engineers and programmers need only address problems at the highest levels of a program's operation. Yet, even modern coding methods, when done well, require an understanding of basic assembly methods such as those gained by learning ARM. Certain features that are the product of today's hardware, such as coprocessors or saturated math operations, can be accessed only through the hardware's native instructions. For that matter, any programmer wishing to achieve results as exact as his or her intentions needs to possess a mastery of machine code basics as taught in the pages of this book. Of the 13 billion microprocessor-based chips shipped in the last year, nearly 3 billion were ARM-based, making operational knowledge of ARM an essential component of any programmer's tool kit. That it can be applied with most any language makes it invaluable.

This widely used, fully updated assembly language book provides basic information for the beginning programmer interested in computer architecture, operating systems, hardware manipulation, and compiler writing.Uses the Intel IA-32 processor family as its base, showing how to program for Windows and DOS. Is written in a clear and straightforward manner for high readability. Includes a companion CD-ROM with all sample programs, and Microsoft® Macro Assembler Version 8, along with an extensive companion Website maintained by the author. Covers machine architecture, processor architecture, assembly language fundamentals, data transfer, addressing and arithmetic, procedures, conditional processing, integer arithmetic, strings and arrays, structures and macros, 32-bit Windows programming, language interface, disk fundamentals, BIOS-level programming, MS-DOS programming, floating-point programming, and IA-32 instruction encoding.For embedded systems programmers and engineers, communication specialists, game programmers, and graphics programmers.

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