

HoloLens Microsoft

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~~Windows 10 devices event keynote: HoloLens, Surface 4 pro, Surface Book, Lumia 950/10026950XL~~ Introduction to Microsoft HoloLens and Holographic technology HoloLens 2 AR Headset: On Stage Live Demonstration Microsoft HoloLens Explained! - The Future Of Computing. Microsoft HoloLens 2 Introduction Video CNET News - Microsoft demos wearable holograms on HoloLens Microsoft HoloLens: Mixed Reality in the Modern Workplace Remote Assist with Microsoft Teams and HoloLens Minecraft HoloLens demo at E3 2015 (amazing!) Microsoft HoloLens 2 is now available: This is what its AR does Microsoft HoloLens 2: Partner Spotlight with Philips Virtual Reality Contact Lenses are ALREADY HERE! 7 Best AR Smart Glasses (Augmented Reality Smart Glasses)The Infinadeck Omnidirectional Treadmill - Smarter Every Day 192 (VR Series) Exclusive: Intel's new smart glasses hands-on What can HoloLens 2 do? Introducing Dynamics 365 Remote Assist for HoloLens 2 and mobile devices Microsoft Keynote HoloLens 2 at Mobile World Congress (MWC) 2019 Tested: Magic Leap One Augmented Reality Review! HoloLens 2 - HoloLens Playground and some holograms. Microsoft HoloLens: BIM on the construction site HoloLens for Books Microsoft HoloLens - Computerphile Microsoft HoloLens: what it ' s really like Envisioning the Future with Windows Mixed Reality Microsoft HoloLens Review, mind blowing Augmented Reality! Microsoft's immersive mixed reality experience device HoloLens 2 introduced to S. Korea How The HoloLens 2 Works, Explained By Microsoft's Alex Kipman HoloLens 2: inside Microsoft's new headset HoloLens Microsoft

Explore the most comfortable and immersive mixed reality experience available. See what makes HoloLens 2 the ultimate mixed reality device, with solutions that deliver value instantly. You ' ll get all the benefits of using cloud and AI services from Microsoft—including reliability, security, and scalability.

Microsoft HoloLens | Mixed Reality Technology for Business

HoloLens 2. £3,349.00. HoloLens 2 is the most comfortable mixed reality device available, with industry-leading solutions that deliver an immersive experience – all enhanced by the reliability, security and scalability of cloud and AI services from Microsoft.

HoloLens 2: Find Specs and Features – Microsoft HoloLens 2

Applications available at launch include: Cortana, Microsoft's virtual assistant. Holograms, a catalog of a variety of 3D objects that users can place and scale around them; ranging from tigers and cats... HoloStudio, a full-scale 3D modeling application by Microsoft with 3D print compatibility. CAE ...

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Microsoft HoloLens - Wikipedia

Microsoft has released the MSIX installer packages of Edge Insider channels for Windows 10X and HoloLens 2 today. Microsoft previewed the new Microsoft Edge on Windows 10X earlier this year, and ...

Microsoft Edge Insider channels can now be installed on ...

In July 2019, Microsoft released the first OpenXR 1.0 runtime that supports mixed reality, for all Windows Mixed Reality and HoloLens 2 users. Right now, with OpenXR, you can develop engines and apps that target HoloLens 2 with the same API that you use to target PC VR headsets, including Windows Mixed Reality headsets, Oculus Rift headsets and SteamVR headsets.

Microsoft replaces WinRT APIs with OpenXR for HoloLens 2 ...

Microsoft has quietly made its Edge Insider channels available on two additional platforms, the HoloLens 2 and the Windows 10X emulator. Installers for the Edge Beta, Dev and Canary channels are ...

Microsoft Edge Insider installers for Windows 10X emulator ...

HoloLens 2 is the most comfortable mixed reality device available, with industry-leading solutions that deliver an immersive experience—all enhanced by the reliability, security, and scalability of cloud and AI services from Microsoft. Get started right away with off-the-shelf applications or build a custom solution using Microsoft Azure ...

HoloLens 2: Find Specs and Features - Microsoft HoloLens 2

Microsoft HoloLens. Pair your Microsoft HoloLens 2 or Microsoft HoloLens Development Edition with this companion app and use it to view a live stream from the device ' s point of view, remotely start and stop apps, capture mixed reality photos and videos, and more.

Get Microsoft HoloLens - Microsoft Store

Microsoft HoloLens - YouTube Welcome to the official YouTube channel of Microsoft HoloLens. Empowering the world with holograms. Visit HoloLens.com for more information.

Microsoft HoloLens - YouTube

Microsoft previewed the new Microsoft Edge on Windows 10X earlier this year, and the availability of the MSIX allows Windows 10X emulator testers to install an Insider channel of their choice. The big news is the introduction of Microsoft Edge Insider for HoloLens 2.

Microsoft Edge Insider channels can now be installed on ...

Microsoft HoloLens 2 is an untethered holographic computer. It refines the holographic computing journey started by HoloLens (1st gen) to provide a more comfortable and immersive experience paired with more options for collaborating in mixed reality. The power supply and the USB cable that come with ...

HoloLens 2 hardware | Microsoft Docs

Microsoft ' s HoloLens venture is now a little more than four years old, and while it initially launched with what we thought would be a consumer angle (as well as its application in the business...

Microsoft HoloLens 2 | TechRadar

Imperial College Healthcare NHS Trust uses Microsoft HoloLens to protect doctors while

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providing patient care amid coronavirus pandemic. One of the largest NHS trusts in England is using Microsoft HoloLens on its Covid-19 wards to keep doctors safe as they help patients with the virus. Staff at Imperial College Healthcare NHS Trust are wearing the mixed-reality headset as they work on the frontline in the most high-risk area of some of London ' s busiest hospitals.

Imperial College Healthcare NHS Trust uses HoloLens to ...

See how Alder Hey Children ' s Hospital pioneered remote clinical care with Microsoft HoloLens 2 and Dynamics 365 Remote Assist through the support of Insight. Read the case study 38% of IT leaders cited AR, VR and other immersive experience technologies as critical to innovation in their organisation. Insight Technology Index Report 2019

Microsoft HoloLens 2 | Augmented Reality Headset | Insight UK

The most common way to set up a new user is during the HoloLens out-of-box experience (OOBE). During setup, HoloLens prompts for a user to sign in by using the account that they want to use on the device. This account can be a consumer Microsoft account or an enterprise account that has been configured in Azure.

Manage user identity and sign-in for HoloLens | Microsoft Docs

Microsoft HoloLens (1st gen) is the world's first fully untethered holographic computer. HoloLens redefines personal computing through holographic experiences to empower you in new ways. HoloLens blends cutting-edge optics and sensors to deliver 3D holograms pinned to the real world around you.

HoloLens (1st gen) hardware | Microsoft Docs

Microsoft HoloLens 2 will now be available in more countries Pocket Lint 12:06 3-Nov-20. Microsoft finally launches HoloLens 2 Development Edition in the United States On MSFT 09:16 3-Nov-20. HoloLens 2 Developer Edition lands in the US, platform expands globally Slashgear 04:17 3-Nov-20.

Transform the ways you communicate, create, collaborate, and explore using Microsoft HoloLens About This Book Create immersive augmented reality apps for Microsoft HoloLens from scratch Leverage the powerful HoloLens sensors to interact with real-world motions and gestures and make your app life-like Explore the powerful Unity 5 SDK along with the Windows Unified platform to get the most out of your HoloLens app Who This Book Is For If you are a developer who wants to create augmented reality apps for the Microsoft HoloLens platform, then this is the book for you. Coding experience with C# is assumed. What You Will Learn Design an app for HoloLens that is feasible and attractive to use Add gestures and interact with them Create sounds in the app and place them in a 3D space Use voice generation and voice recognition to make your apps more lifelike Interact with the physical environment to place holograms on top of physical objects Compare HoloLens with the other products and know how to use its strengths Use assets from third parties to enrich our app In Detail HoloLens, Microsoft's innovative augmented reality headset, overlaps holograms into a user's vision of their environment. Your ideas are closer to becoming real when you can create and work with holograms in relation to the world around you. If you are dreaming beyond virtual worlds, beyond screens, beyond pixels, and want to take a big leap in the world of augmented reality, then this is the book you want. Starting off with brainstorming and the design process, you will take your first steps in creating your

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application for HoloLens. You will learn to add gestures and write an app that responds to verbal commands before gradually moving on creating sounds in the app and placing them in a 3D space. You will then communicate between devices in the boundaries of the UWP model. Style and approach This book takes a step-by-step, practical, tutorial-style approach where you will dive deep into HoloLens app development. You will work with the API and write your own complex scripts that would interact with the powerful HoloLens sensors and with realistic examples, you will be able to create immersive 3D apps for HoloLens.

Get to grips with HoloLens development as you create mixed reality apps from scratch About This Book Create awesome Augmented Reality (AR) apps for the Microsoft HoloLens platform Unleash the power of Unity SDK for HoloLens to create next generation AR apps Explore the exciting world of gesture control, visual mapping, voice command for apps, and many more cutting edge possibilities with HoloLens Who This Book Is For This book is for developers who have some experience with programming in any of the major languages such as C#, C++, and so on. You do need any knowledge of Augmented Reality development. What You Will Learn Extend the computing experience beyond the flat glass screen by placing and embedding virtual objects (holograms) into the physical world Interact with the holograms using gaze, gestures, and voice Enhance the experience with spatial sound Allow multiple users to naturally collaborate with each other Integrate voice commands into your own HoloLens projects Experiment with techniques to better understand the real world Implement a user interface in Mixed Reality Blend the virtual and physical world by making the holograms interact and react to the physical environment In Detail Are you a developer who is fascinated with Microsoft HoloLens and its capabilities? Do you want to learn the intricacies of working with the HoloLens SDK and create your own apps? If so, this is the book for you. This book introduces and demystifies the HoloLens platform and introduces new ways you can interact with computers (Mixed Reality). It will teach you the important concepts, get you excited about the possibilities, and give you the tools to continue exploring and experimenting. You will go through the journey of creating four independent examples throughout the book, two using DirectX and two using Unity. You will learn to implement spatial mapping and gesture control, incorporate spatial sound, and work with different types of input and gaze. You will also learn to use the Unity 5 SDK for HoloLens and create apps with it. Collectively, the apps explore the major concepts of HoloLens, but each app is independent, giving you the flexibility to choose where to start (and end). Style and approach This book takes an example-based approach where you'll build AR apps with increasing difficulty. You will learn more about HoloLens platform as well as AR app development in general.

This is the first book to describe the Microsoft HoloLens wearable augmented reality device and provide step-by-step instructions on how developers can use the HoloLens SDK to create Windows 10 applications that merge holographic virtual reality with the wearer's actual environment. Best-selling author Allen G. Taylor explains how to develop and deliver HoloLens applications via Microsoft's ecosystem for third party apps. Readers will also learn how HoloLens differs from other virtual and augmented reality devices and how to create compelling applications to fully utilize its capabilities. What You Will Learn: The features and capabilities of HoloLens How to build a simple Windows 10 app optimized for HoloLens The tools and resources contained in the HoloLens SDK How to build several HoloLens apps, using the SDK tools

Unveil the world of mixed reality with HoloLens About This Book Bring holographic insights to existing line-of-business applications, tools, and workflows Focus on developing end-to-

end realistic holographic application. Build interactive model scripts and test them in Unity3D and holographic emulators Who This Book Is For This book is targeted at developers and designers working on mixed-reality developments for complex integrated scenarios using HoloLens. What You Will Learn Interact with holograms using different interaction models Develop your first holographic app Integrate holographic applications with cloud systems Visualize data feeds coming from the cloud through holograms Manage the application distribution of enterprise-enabled HoloLens Integrate HoloLens applications with services deployed on Azure Identify and create 3D Assets and Scenes Use HoloLens to explore the Internet of Things In Detail Do you want to create stunning applications with HoloLens? Are you a developer who is fascinated with Microsoft HoloLens and its capabilities? If so, this is the book for you. This book introduces and demystifies the HoloLens platform and shows you different ways of interaction with computers (mixed-reality). You will start your mixed-reality journey by understanding different types of digital reality. You will learn to build your first holographic app. Also, you will understand holographic application integration possibilities within Line of Business Applications using Azure. Moving ahead, you will create Integrated Solutions using IoT with HoloLens. Gradually you'll learn how to create and deploy apps on a device. You will learn to publish application to the store; if you are an enterprise developer, you will also manage and distribute applications for enterprise-enabled or domain-joined HoloLens. Finally, you will develop an end-to-end realistic holographic app, ranging from scenario identification to sketching, development, deployment, and, finally, production. Style and approach The book is a project-based guide to help you to create some really astonishing mixed-reality applications. It will provide end-to-end solutions and enable you to build stunning applications for HoloLens.

Unveil the world of mixed reality with HoloLens About This Book* Bring holographic insights to existing line-of-business applications, tools, and workflows* Focus on developing end-to-end realistic holographic application.* Build interactive model scripts and test them in Unity3D and holographic emulators Who This Book Is For This book is targeted at developers and designers working on mixed-reality developments for complex integrated scenarios using HoloLens. What You Will Learn* Interact with holograms using different interaction models* Develop your first holographic app* Integrate holographic applications with cloud systems* Visualize data feeds coming from the cloud through holograms* Manage the application distribution of enterprise-enabled HoloLens* Integrate HoloLens applications with services deployed on Azure* Identify and create 3D Assets and Scenes* Use HoloLens to explore the Internet of Things In Detail Do you want to create stunning applications with HoloLens? Are you a developer who is fascinated with Microsoft HoloLens and its capabilities? If so, this is the book for you. This book introduces and demystifies the HoloLens platform and shows you different ways of interaction with computers (mixed-reality). You will start your mixed-reality journey by understanding different types of digital reality. You will learn to build your first holographic app. Also, you will understand holographic application integration possibilities within Line of Business Applications using Azure. Moving ahead, you will create Integrated Solutions using IoT with HoloLens. Gradually you'll learn how to create and deploy apps on a device. You will learn to publish application to the store; if you are an enterprise developer, you will also manage and distribute applications for enterprise-enabled or domain-joined HoloLens. Finally, you will develop an end-to-end realistic holographic app, ranging from scenario identification to sketching, development, deployment, and, finally, production. Style and approach The book is a project-based guide to help you to create some really astonishing mixed-reality applications. It will provide end-to-end solutions and enable you to build stunning applications for HoloLens.

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Microsoft examines the software company behind such ubiquitous products as the Windows operating system and the Office productivity suite, detailing how founders Bill Gates and Paul Allen grew the company from a two-person operation into a global leader in software. Features include a glossary, references, websites, source notes, and an index. Aligned to Common Core Standards and correlated to state standards. Essential Library is an imprint of Abdo Publishing, a division of ABDO.

Addressing everything from the implications of data mining to the risks raised by the use of social media in the workplace, this guide explains how insurers, agents, brokers, and others can use social media to market their products and services.

Get to grips with HoloLens development as you create mixed reality apps from scratch About This Book* Create awesome Augmented Reality (AR) apps for the Microsoft HoloLens platform* Unleash the power of Unity SDK for HoloLens to create next generation AR apps* Explore the exciting world of gesture control, visual mapping, voice command for apps, and many more cutting edge possibilities with HoloLens Who This Book Is For This book is for developers who have some experience with programming in any of the major languages such as C#, C++, and so on. You do need any knowledge of Augmented Reality development. What You Will Learn* Extend the computing experience beyond the flat glass screen by placing and embedding virtual objects (holograms) into the physical world* Interact with the holograms using gaze, gestures, and voice* Enhance the experience with spatial sound* Allow multiple users to naturally collaborate with each other* Integrate voice commands into your own HoloLens projects* Experiment with techniques to better understand the real world* Implement a user interface in Mixed Reality* Blend the virtual and physical world by making the holograms interact and react to the physical environment In Detail Are you a developer who is fascinated with Microsoft HoloLens and its capabilities? Do you want to learn the intricacies of working with the HoloLens SDK and create your own apps? If so, this is the book for you. This book introduces and demystifies the HoloLens platform and introduces new ways you can interact with computers (Mixed Reality). It will teach you the important concepts, get you excited about the possibilities, and give you the tools to continue exploring and experimenting. You will go through the journey of creating four independent examples throughout the book, two using DirectX and two using Unity. You will learn to implement spatial mapping and gesture control, incorporate spatial sound, and work with different types of input and gaze. You will also learn to use the Unity 5 SDK for HoloLens and create apps with it. Collectively, the apps explore the major concepts of HoloLens, but each app is independent, giving you the flexibility to choose where to start (and end). Style and approach This book takes an example-based approach where you'll build AR apps with increasing difficulty. You will learn more about HoloLens platform as well as AR app development in general.

An easy-to-understand primer on Virtual Reality and Augmented Reality Virtual Reality (VR) and Augmented Reality (AR) are driving the next technological revolution. If you want to get in on the action, this book helps you understand what these technologies are, their history, how they're being used, and how they'll affect consumers both personally and professionally in the very near future. With VR and AR poised to become mainstream within the next few years, an accessible book to bring users up to speed on the subject is sorely needed—and that's where this handy reference comes in! Rather than focusing on a specific piece of hardware (HTC Vive, Oculus Rift, iOS ARKit) or software (Unity, Unreal Engine), *Virtual & Augmented Reality For Dummies* offers a broad look at both VR and AR, giving you a bird's eye view of what you can expect as they continue to take the world by

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storm. * Keeps you up-to-date on the pulse of this fast-changing technology * Explores the many ways AR/VR are being used in fields such as healthcare, education, and entertainment * Includes interviews with designers, developers, and technologists currently working in the fields of VR and AR Perfect for both potential content creators and content consumers, this book will change the way you approach and contribute to these emerging technologies.

What is the total cost related to deploying Microsoft HoloLens, including any consulting or professional services? Is a Microsoft HoloLens Team Work effort in place? Are accountability and ownership for Microsoft HoloLens clearly defined? What are your most important goals for the strategic Microsoft HoloLens objectives? What are all of our Microsoft HoloLens domains and what do they do? This exclusive Microsoft HoloLens self-assessment will make you the reliable Microsoft HoloLens domain visionary by revealing just what you need to know to be fluent and ready for any Microsoft HoloLens challenge. How do I reduce the effort in the Microsoft HoloLens work to be done to get problems solved? How can I ensure that plans of action include every Microsoft HoloLens task and that every Microsoft HoloLens outcome is in place? How will I save time investigating strategic and tactical options and ensuring Microsoft HoloLens costs are low? How can I deliver tailored Microsoft HoloLens advice instantly with structured going-forward plans? There's no better guide through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all Microsoft HoloLens essentials are covered, from every angle: the Microsoft HoloLens self-assessment shows succinctly and clearly that what needs to be clarified to organize the required activities and processes so that Microsoft HoloLens outcomes are achieved. Contains extensive criteria grounded in past and current successful projects and activities by experienced Microsoft HoloLens practitioners. Their mastery, combined with the easy elegance of the self-assessment, provides its superior value to you in knowing how to ensure the outcome of any efforts in Microsoft HoloLens are maximized with professional results. Your purchase includes access details to the Microsoft HoloLens self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows you exactly what to do next. Your exclusive instant access details can be found in your book.

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