

Excel Advanced Report

Development

Microsoft Excel

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Microsoft Excel, or simply Excel, is a spreadsheet editor developed by Microsoft for Windows, macOS, Android, iOS and iPadOS. It features calculation or computation capabilities, graphing tools, pivot tables, and a macro programming language called Visual Basic for Applications (VBA).

Excel forms part of the Microsoft 365 and Microsoft Office suites of software and has been developed since 1985.

== Features ==

Numeric precision in Microsoft Excel

Using Excel Add-in Development in C/C++ (2nd ed.). Wiley. pp. 13-14. ISBN 978-0-470-02797-4. de Levie, Robert (2004). "Algorithmic accuracy". Advanced Excel

As with other spreadsheets, Microsoft Excel works only to limited accuracy because it retains only a certain number of figures to describe numbers (it has limited precision). With some exceptions regarding erroneous values, infinities, and denormalized numbers, Excel calculates in double-precision floating-point format from the IEEE 754 specification (besides numbers, Excel uses a few other data types).

Although Excel allows display of up to 30 decimal places, its precision for any specific number is no more than 15 significant figures, and calculations may have an accuracy that is even less due to five issues: round off, truncation, and binary storage, accumulation of the deviations of the operands in calculations, and worst, "catastrophic cancellation" at subtraction of values with similar magnitude. Standard floating-point error mitigation techniques apply.

== Accuracy and binary storage ==

Advanced Skills Teacher

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Advanced Skills Teacher was a role in a maintained school in England and Wales from 1998 to 2013. Advanced Skills Teachers were judged through external assessment against a range of criteria to demonstrate excellent classroom teaching practice. They were employed in Advanced Skills Teacher posts in roles which include an element of work dedicated to supporting teaching colleagues in their own schools, and other schools in the area, to improve their own practice. The role was introduced in 1998 to reward excellent teachers who chose to stay working in classrooms, rather than following other routes to promotion through leadership. Funding for the role was wound down in 2011 and ceased altogether in 2013.

== Introduction of the role ==

The Labour party manifesto for the general election of 1997 included a statement that they would "create a new grade of teachers to recognise the best." The intention was to ensure that teachers who excelled in the classroom were given both financial incentive and career-path options to allow them to continue in that role, providing a role model of high-quality teaching.

Following its election in May of that year, the new government brought forward the white...

JasperReports

JasperReports is an open source Java reporting tool that can write to a variety of targets, such as: screen, a printer, into PDF, HTML, Microsoft Excel, RTF

JasperReports is an open source Java reporting tool that can write to a variety of targets, such as: screen, a printer, into PDF, HTML, Microsoft Excel, RTF, ODT, comma-separated values (CSV), XSL, or XML files.

It can be used in Java-enabled applications, including Java EE or web applications, to generate dynamic content. It reads its instructions from an XML or .jasper file.

JasperReports is part of the Lisog open source stack initiative.

== Features ==

JasperReports is an open source reporting library that can be embedded into any Java application. Features include:

LOLC Holdings

LOLC Technologies LOLC Advanced Technologies Ceylon Graphene Technologies Source: Annual Report, 2021/22 (pp. 314-315) "Annual Report 2024/25" (PDF). cse

LOLC Holdings PLC is a Sri Lankan conglomerate listed on the Colombo Stock Exchange (CSE). Originally starting as a non-banking financial company LOLC has grown into one of the largest Sri Lankan conglomerates involved in many sectors and subsidiaries in several countries although it is still mainly involved in the financial sector.

== History ==

LOLC was originally founded as Lanka ORIX Leasing Company (LOLC) which then grew into the LOLC Group. As diversification and growth continued LOLC became a holding company.

By 2019/20 LOLC was among the most profitable companies in Sri Lanka but adopted a strategy of aggressive expansion without paying dividends to fuel overseas expansion in Cambodia, Myanmar, Pakistan, Philippines, Indonesia, Nigeria and Zambia.

In January 2021 the market capitalization of LOLC Holdings exceeded \$1Billion.

LOLC using its Browns Investments PLC also became the partner of China Harbour Engineering Company Limited for the development of the Colombo International Financial Center Mixed Development Project. Becoming the first major local investor in the megaproject.

List & Label

independent. Reports are designed and created in the so-called List & Label Designer and then exported into a multitude of formats like PDF, Excel, XHTML and

List & Label is a professional reporting tool for software developers. It provides comprehensive design, print and export functions. The software component runs on Microsoft Windows and can be implemented in desktop, cloud and web applications. List & Label can be used to create user-defined dashboards, lists, invoices, forms and labels. It supports many development environments, frameworks and programming languages such as Microsoft Visual Studio, Embarcadero RAD Studio, .NET Framework, .NET Core, ASP.NET, C++, Delphi, Java, C Sharp and some more.

List & Label either retrieves data from various sources via data binding, or works database independent. Reports are designed and created in the so-called List & Label Designer and then exported into a multitude of formats like PDF, Excel, XHTML and RTF. Since version 27 a web report designer for ASP.NET MVC is available.

== History ==

The product was first released in 1992 by combit. The current version is 30. A new major version of List & Label is released every fall, usually in October. Updates are available several times a year via Service Pack.

Simple Knowledge Organization System

developed in the Thesaurus Activity Work Package, in the Semantic Web Advanced Development for Europe (SWAD-Europe) project. SWAD-Europe was funded by the European

Simple Knowledge Organization System (SKOS) is a W3C recommendation designed for representation of thesauri, classification schemes, taxonomies, subject-heading systems, or any other type of structured controlled vocabulary. SKOS is part of the Semantic Web family of standards built upon RDF and RDFS, and its main objective is to enable easy publication and use of such vocabularies as linked data.

== History ==

VAMAS

researchers, and have contributed to the development of new materials and technologies. The Versailles project on advanced materials and standards (VAMAS) was

VAMAS (Versailles Project on Advanced Materials and Standards) is a

collaborative project that was initiated at the 1982 G7 Economic Summit in Versailles to develop and promote standards for the characterisation of advanced materials, including surfaces, interfaces, thin films, and nanostructures. Using interlaboratory studies, the VAMAS project has developed a number of standard test methods and reference materials for a wide range of materials. These standards have been widely adopted by industry and academic researchers, and have contributed to the development of new materials and technologies.

== History ==

Annals of Mathematics

*original (Microsoft Excel) on 2013-12-02. Retrieved 2014-04-29.
"Journals Ranked by Impact: Mathematics". 2023 Journal Citation Reports. Web of Science (Science ed*

The Annals of Mathematics is a mathematical journal published every two months by Princeton University and the Institute for Advanced Study.

== History ==

The journal was established as The Analyst in 1874 and with Joel E. Hendricks as the founding editor-in-chief. It was "intended to afford a medium for the presentation and analysis of any and all questions of interest or importance in pure and applied Mathematics, embracing especially all new and interesting discoveries in theoretical and practical astronomy, mechanical philosophy, and engineering". It was published in Des Moines, Iowa, and was the earliest American mathematics journal to be published continuously for more than a year or two. This incarnation of the journal ceased publication after its tenth year, in 1883, giving as an explanation Hendricks' declining health, but Hendricks made arrangements to have it taken over by new management, and it was continued from March 1884 as the Annals of Mathematics. The new incarnation of the journal was edited by Ormond Stone at University of Virginia. It moved to Harvard in 1899 before reaching its current home in Princeton in 1911.

An important period for the journal was 1928-1958...

Azure DevOps Server

Version Control (TFVC) or Git), reporting, requirements management, project

management (for both agile software development and waterfall teams), automated

Azure DevOps Server, formerly known as Team Foundation Server (TFS) and Visual Studio Team System (VSTS), is a Microsoft product that provides version control (either with Team Foundation Version Control (TFVC) or Git), reporting, requirements management, project management (for both agile software development and waterfall teams), automated builds, testing and release management capabilities. It covers the entire application lifecycle and enables DevOps capabilities. Azure DevOps can be used as a back-end to numerous integrated development environments (IDEs) but is tailored for Microsoft Visual Studio and Eclipse on all platforms.

== On-premises vs. online ==

Azure DevOps is available in two different forms: on-premises ("Server") and online ("Services"). The latter form is called Azure DevOps Services (formerly Visual Studio Online before it was renamed to Visual Studio Team Services in 2015). The cloud service is backed by the Microsoft Azure cloud platform. It uses the same code as the on-premises version of Azure DevOps, with minor modifications, and implements the most recent features. A user signs in using a Microsoft account to set up an environment, creating projects and...

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