Sl Reference

.sl

.sl is the Internet country code top-level domain (ccTLD) for Sierra Leone. In 2020, the Minister of Telecommunication and Technology of the unrecognized

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Mercedes-Benz 300 SL

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The Mercedes-Benz 300 SL (chassis code W 198) is a two-seat sports car that was produced by Mercedes-Benz from 1954 to 1957 as a gullwinged coupé and from 1957 to 1963 as a roadster. The 300 SL traces its origins to the company's 1952 racing car, the W194, and was equipped with a mechanical direct fuel-injection system that significantly increased the power output of its three-liter overhead camshaft straight-six engine.

The 300 SL was capable of reaching speeds of up to 260 km/h (162 mph), earning it a reputation as a sports car racing champion and making it the fastest production car of its time. The car's iconic gullwing doors and innovative lightweight tubular-frame construction contributed to its status as a groundbreaking and highly influential automobile.

The designation "SL" is an abbreviation of the German term super-leicht, meaning "super-light", a reference to the car's racing-bred lightweight construction. The 300 SL was introduced to the American market at the suggestion of Max Hoffman, Mercedes-Benz's United States importer at the time, who recognized the potential demand for a high-performance sports car among American buyers. The Mercedes-Benz 300 SL remains a highly sought-after classic car and is celebrated for its performance, design, and technological advancements.

Technics SL-1200

The Technics SL-1200 is a series of direct-drive turntables introduced in October 1972 by Matsushita Electric (now Panasonic Corporation) under the brand

The Technics SL-1200 is a series of direct-drive turntables introduced in October 1972 by Matsushita Electric (now Panasonic Corporation) under the brand name Technics. The series is widely recognized as influencing the emergence of hip hop, turntablism, and electronic music culture in the 1980s.

Originally released as high fidelity consumer record players, the turntables were quickly adopted by radio and disco club disc jockeys. The track cueing and pitch control functions were specifically utilized by DJs mixing two or more records, with the latter allowing the user to change the turning speed and tempo of the record gradually, from -8% to +8%.

As the use of slipmats for cueing and beat-mixing became popular in live DJ performances, the quartz-controlled motor system enabled records to be mixed with consistency. Its control over wow and flutter and minimized resonance made the equipment particularly suitable for use in nightclubs and other public-address applications. Since its release in 1979, the SL-1200MK2 and its successors were the most common turntables for DJing and scratching. With more than 3 million units sold, many 1970s units are still in heavy use.

At the London Science Museum, an SL-1210MK2 is on display as one of the pieces of technology that were responsible for "making the Modern World".

SL-1

Stationary Low-Power Reactor Number One, also known as SL-1, initially the Argonne Low Power Reactor (ALPR), was a United States Army experimental nuclear

Stationary Low-Power Reactor Number One, also known as SL-1, initially the Argonne Low Power Reactor (ALPR), was a United States Army experimental nuclear reactor at the National Reactor Testing Station (NRTS) in Idaho about forty miles (65 km) west of Idaho Falls, now the Idaho National Laboratory. It operated from 1958 to 1961, when an accidental explosion killed three plant operators, leading to changes in reactor design. This is the only U.S. reactor accident to have caused immediate deaths.

Part of the Army Nuclear Power Program, SL-1 was a prototype for reactors intended to provide electrical power and heat for small, remote military facilities, such as radar sites near the Arctic Circle, and those in the DEW Line. The design power was 3 MW (thermal), but some 4.7 MW tests had been performed in the months before the accident. Useful power output was 200 kW electrical and 400 kW for space heating.

On January 3, 1961, at 9:01 pm MST, an operator fully withdrew the central control rod, a component designed to absorb neutrons in the reactor's core. This caused the reactor to go from shut down to prompt critical. Within four milliseconds, the core power level reached nearly 20 GW.

The intense heat from the nuclear reaction expanded the water inside the core, producing extreme water hammer and causing water, steam, reactor components, debris, and fuel to vent from the top of the reactor. As the water struck the top of the reactor vessel, it propelled the vessel to the ceiling of the reactor room. A supervisor who had been on top of the reactor lid was impaled by an expelled control rod shield plug and pinned to the ceiling. Other materials struck the two other operators, mortally injuring them as well.

The accident released about 1,100 curies (41 TBq) of fission products into the atmosphere, including the isotopes of xenon, isotopes of krypton, strontium-91, and yttrium-91 detected in the tiny town of Atomic City, Idaho. It also released about 80 curies (3.0 TBq) of iodine-131. This was not considered significant, due to the reactor's location in the remote high desert of Eastern Idaho.

A memorial plaque for the three men was erected in 2022 at the Experimental Breeder Reactor site.

Annex SL

The Annex SL is a section of the ISO/IEC Directives part 1 that prescribes how ISO Management System Standard (MSS) standards should be written. The aim

The Annex SL is a section of the ISO/IEC Directives part 1 that prescribes how ISO Management System Standard (MSS) standards should be written. The aim of Annex SL is to enhance the consistency and alignment of MSS by providing a unifying and agreed-upon high level structure, identical core text and common terms and core definitions. The aim being that all ISO Type A MSS (and B where appropriate) are aligned and the compatibility of these standards is enhanced.

Before 2012, various standards for management systems were written in different ways. Several attempts have been made since the late 90s to harmonize the way to write these but the first group that succeeded to reach an agreement was the Joint Technical Coordination Group (JTCG) set up by ISO/Technical Management Board.

Various of Technical Committees within ISO are currently working on revising all MSS published before Annex SL was adopted. Many standards are already following Annex SL such as ISO 9001, and ISO 14001.

Vienna Development Method

Prentice Hall International, 1982. ISBN 0-13-880733-7 J. Dawes, The VDM-SL Reference Guide, Pitman 1991. ISBN 0-273-03151-1 International Organization for

The Vienna Development Method (VDM) is one of the longest-established formal methods for the development of computer-based systems. Originating in work done at the IBM Laboratory Vienna in the 1970s, it has grown to include a group of techniques and tools based on a formal specification language—the VDM Specification Language (VDM-SL). It has an extended form, VDM++, which supports the modeling of object-oriented and concurrent systems. Support for VDM includes commercial and academic tools for analyzing models, including support for testing and proving properties of models and generating program code from validated VDM models. There is a history of industrial usage of VDM and its tools and a growing body of research in the formalism has led to notable contributions to the engineering of critical systems, compilers, concurrent systems and in logic for computer science.

Special linear group

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In mathematics, the special linear group

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S.L. Benfica

Retrieved 4 September 2019. "SL Benfica: porque está a falhar o maior investimento da história? Veja o "Jogo Económico"" [SL Benfica: why is the biggest

Sport Lisboa e Benfica (Portuguese pronunciation: [s??p?? li???o? i ???j?fik?]), commonly known as Benfica, is a professional football club based in Lisbon, Portugal, that competes in the Primeira Liga, the top flight of Portuguese football.

Founded on 28 February 1904, as Sport Lisboa, Benfica is one of the "Big Three" clubs in Portugal that have never been relegated from Primeira Liga, along with rivals Sporting CP and FC Porto. Benfica are nicknamed As Águias (The Eagles), for the symbol atop the club's crest, and Os Encarnados (The Reds), for the shirt colour. Since 2003, their home ground has been the Estádio da Luz, which replaced the larger, original one, built in 1954. Benfica is the most supported Portuguese club and the European club with the highest percentage of supporters in its own country. In 2006, Benfica had an estimated 14 million supporters worldwide, and in February 2025 it reached 400,000 club members, making them the largest sports club in the world by membership. The club's anthem, "Ser Benfiquista", refers to Benfica supporters, who are called benfiquistas. "E pluribus unum" ("Out of many, one") is the club's motto; Águia Vitória, the mascot.

With 88 major trophies won, Benfica is the most decorated club in Portugal. They have won 85 domestic trophies: a record 38 Primeira Liga titles, a record 26 Taça de Portugal, a record 8 Taça da Liga, 10 Supertaça Cândido de Oliveira and 3 Campeonato de Portugal. Internationally, they won the Latin Cup in 1950 and back-to-back European Cups in 1961 and 1962 – both unique feats in Portuguese football – and were runners-up at the Intercontinental Cup in 1961 and '62, at the European Cup in 1963, '65, '68, '88 and '90, and at the UEFA Europa League (formerly the UEFA Cup) in 1983, 2013 and '14. Benfica's ten European finals are a domestic record and ranked seventh all-time among UEFA clubs in 2014. Noncompetitively, Benfica is honoured with the Portuguese Orders of Christ (Commander), of Merit (Officer), and of Prince Henry.

Benfica was voted 12th in FIFA Club of the Century and ranked 9th in the IFFHS Top 200 European clubs of the 20th century. In UEFA, Benfica is 8th in the all-time club ranking and was 20th in the club coefficient rankings at the end of the 2023–24 season. In the UEFA Champions League (formerly the European Cup), Benfica have the second most participations (42) and are the Portuguese club with the most wins (130). In this tournament, they hold the overall record for the biggest aggregate win, achieved in 1965–66. Moreover, Benfica hold the European record for the most consecutive wins in domestic league (29), where they became the first undefeated champions, in 1972–73.

Õhtuleht

papers in Estonia, Õhtuleht and Sõnumileht (The Messenger), merged, becoming SL Õhtuleht. On 6 October 2008 the name was shortened back to Õhtuleht. The paper

Õhtuleht (Evening Paper) is the largest daily newspaper in Estonia. It is a tabloid newspaper. The newspaper is published in Tallinn in Estonian.

S/SL programming language

The Syntax/Semantic Language (S/SL) is an executable high level specification language for recursive descent parsers, semantic analyzers and code generators

The Syntax/Semantic Language (S/SL) is an executable high level specification language for recursive descent parsers, semantic analyzers and code generators developed by James Cordy, Ric Holt and David Wortman at the University of Toronto in 1980.

S/SL is a small programming language that supports cheap recursion and defines input, output, and error token names (& values), semantic mechanisms (class interfaces whose methods are really escapes to routines in a host programming language but allow good abstraction in the pseudocode) and a pseudocode program

that defines the syntax of the input language by the token stream the program accepts. Alternation, control flow and one-symbol look-ahead constructs are part of the language.

The S/SL processor compiles this pseudocode into a table (byte-codes) that is interpreted by the S/SL table-walker (interpreter). The pseudocode language processes the input language in LL(1) recursive descent style but extensions allow it to process any LR(k) language relatively easily. S/SL is designed to provide excellent syntax error recovery and repair. It is more powerful and transparent than Yacc but can be slower.

S/SL's "semantic mechanisms" extend its capabilities to all phases of compiling, and it has been used to implement all phases of compilation, including scanners, parsers, semantic analyzers, code generators and virtual machine interpreters in multi-pass language processors.

S/SL has been used to implement production commercial compilers for languages such as PL/I, Euclid, Turing, Ada, and COBOL, as well as interpreters, command processors, and domain specific languages of many kinds. It is the primary technology used in IBM's ILE/400 COBOL compiler, and the ZMailer mail transfer agent uses S/SL for defining both its mail router processing language and its RFC 822 email address validation.