



Ada dnes, Ada zítra

Konference Ada 200

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Technické muzeum města Brna

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www.aalovelace.cz

Standardy jazyka Ada

- Ada 2012: ISO/IEC 8652:2012(E)
<http://www.adaic.org/ada-resources/standards/ada12/>
 - Ada 2005: ISO/IEC 8652:1995/Amd 1:2007
 - Ada 95: ISO-8652:1995
 - Ada 83
ISO 8652:1987
ANSI/MIL-STD-1815A-1983
- Ada Joint Program Office (AJPO)
 - zrušena 1998

Projekty používající jazyk Ada 1

- Commercial Aviation

-  – Airbus 320, 330, 340, 380
-  – Beechjet 400A, Beech Starship I
-  – Beriev BE-200 (Russian forest fire patrol plane)
-  – Boeing 737-200, -400, -500, -600, -700, -800, 747-400, 757, 767, 777, 787
- Canadair Regional Jet
- Embraer CBA-123, CBA-145
- Fokker F-100
- Ilyushin 96M
- Lockheed-Martin Hercules "hurricane chaser,,
- Saab 2000
- Tupolev TU-204
- BARCO Avionics Control Display Manager

Projekty používající jazyk Ada 2

- Air Traffic Management Systems



– včetně České republiky a Maďarska

- Commercial Rockets

– Ariane 4 & 5, Atlas V, Delta II & IV

- Commercial Imaging Space Vehicles

– Quickbird, Worldview-1, Worldview-2

- Communication and Navigational Satellites and Receivers

– Hughes, INMARSAT, Intelsat, NSTAR, PAnAmSat, GPS, ESA, TDRSS

Projekty používající jazyk Ada 3

- Scientific Space Vehicles
 - Cassini, Chandra, ENVISAT-1
 - ESA: SOHO, GOCE, Huygens, Newton, IST, Mars Express, Beagle2, GRO, Rosetta
 - ISS, Mark IVB
 - NASA: ICESat, EOS, GOES, CloudSat, QuikSCAT
 - NASA/NOAA/USAF NPOESS Preparatory Project
 - Oersted, Roemer (DK), RadarSat (Canada)
 - Sandia Lab Multispectral Thermal Imager
 - UK Space Technology Research Vehicle

Projekty používající jazyk Ada 4

- Railway Transportation



- Metrorail systems (včetně Prahy)
- Channel Tunnel, ETCS, TGV,
- Železnice (Francie, Austrálie, Švýcarsko aj.)
- Commercial Shipboard Control Systems
 - Kingcat Hi-Tech Luxury Catamaran
- Data Communications
 - Nortel Canada, Innocon Airborne
- Television/Entertainment Industry
 - Canal+, Vision Systems, Times Square Studios

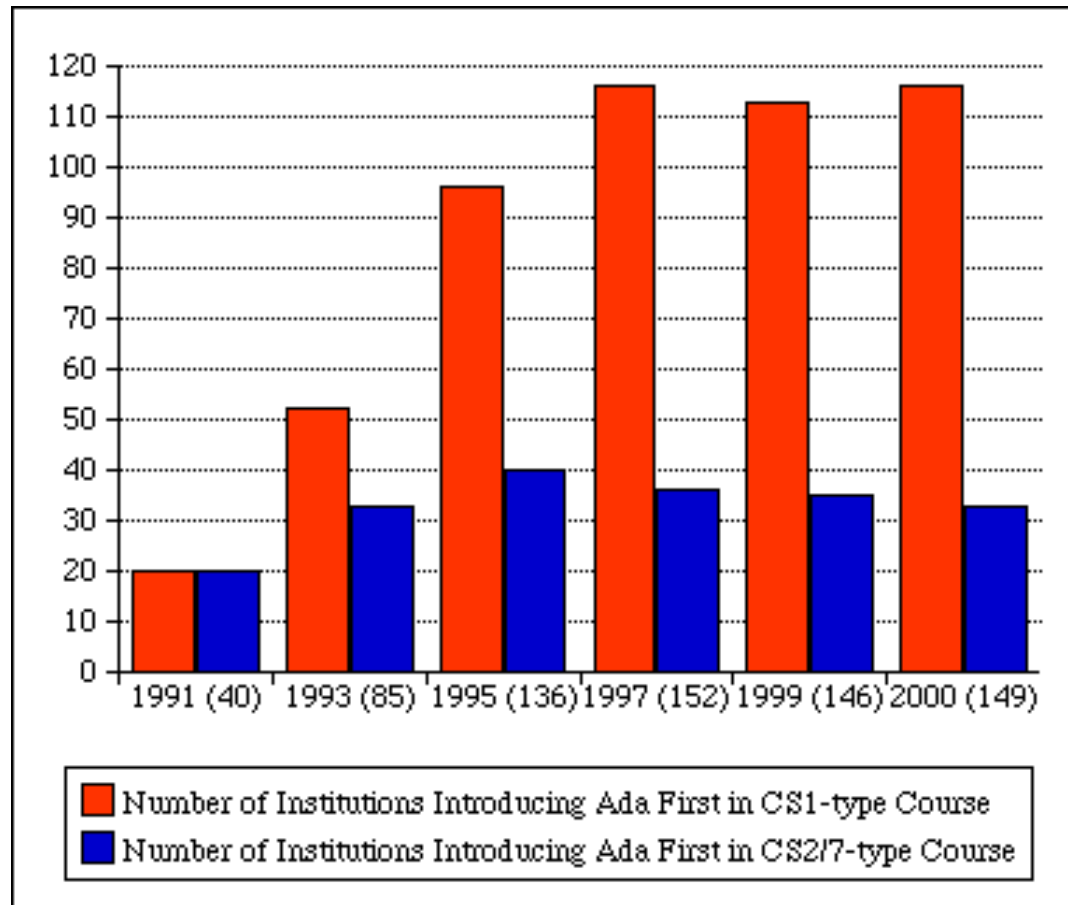
Projekty používající jazyk Ada 5

- Desktop and Web Applications
- Information Systems
- Banking and Financial Systems
 - At least eight large European financial institutions
- Medical Industry
- General Industry
 - Westinghouse Czech Nuclear Shutdown System
- Military Applications
 - Austrálie, Egypt, Indie, Kanada, Švédsko, Švýcarsko, UK, USA
 - JAS39 Gripen, B1-B, C-17, F-16, F-22 a mnoho dalších



Výuka jazyka Ada

<http://www.seas.gwu.edu/~mfeldman/ada-foundation.html>



Organizace

- [Ada-Europe](#) -- the organization of European Ada Organizations
 - [21st International Conference on Reliable Software Technologies - Ada-Europe 2016](#)
Pisa, Italy, June 13-17, 2016
 - Ada User Journal (online archiv – zdarma kromě 4 nejnovějších vydání)
- [ISO/IEC JTC1/SC22/WG9 \(Ada\)](#) -- the ISO home of Ada Standards
- [SIGAda](#) -- the Special Interest Group of ACM
- [Ada Semantics Interface Specification \(ASIS\) Working Group](#)
- [AdaIC](#) -- the new Ada Information Clearinghouse
- LinkedIn Group: Ada Programming Language
 - www.linkedin.com/groups/114211
- AdaCore -- GNAT Pro, Academic Program, GPL Edition
- <http://www.ada-poland.org/>

Happy Birthday, Ada Lovelace!



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