



Natural Certified Application Developer

EARN THE RECOGNITION YOU DESERVE – CERTIFY YOUR NATURAL DEVELOPER KNOWLEDGE

Are you the kind of person who doesn't stop at merely performing your daily tasks? Do you continue to expand your knowledge to be the best you can be? Then becoming a Software AG Natural Certified Application Developer is the next essential step in your career.

You can register online for the test at: www.softwareag.com/certification.

The Web-based multiple-choice test contains approximately 45 questions and must be completed in 120 minutes. To pass the test and receive certification, you must score a 66% on the test.

The certification test is practice-oriented and simulates situations typical of Natural projects. It is based on the Natural syntax available with version 4.2 on mainframes and version 6.2 on open-systems platforms. In general, the test is independent of operating system and platform details. It tests your Natural knowledge in all areas that are important for the development of Natural applications, including the Natural development environment.

KEY BENEFITS

- Industry recognition of your knowledge and proficiency
- Validation of your expertise and skills to your employer
- Ability to advance your career
- Logo and certification to identify you as a Software AG Natural Certified Application Developer

STRATEGIES FOR SUCCESS

Successful completion of Natural Application Developer certification requires a solid knowledge in Natural programming. Therefore, it is extremely important that you have hands-on experience developing and/or maintaining Natural applications.

WHAT THE NATURAL CERTIFIED APPLICATION DEVELOPER TEST COVERS

The test covers general Natural knowledge, including: benefits of using Natural; application areas; platform and database availability; components of a Natural system; development scenarios; and add-on products.

Additionally, you'll need to know about: Natural syntax; user interfaces; Natural development environment; application architecture; project-related activities; application integration; and single point of development. Read on for more details!

| TEST TOPICS | COVERED IN NATURAL PRODUCT DOCUMENTATION |
|--|--|
| Natural Syntax Statements, data types, data declaration, data areas, system functions, system variables, DBMS access principles, Natural DML for Adabas access, error handling | Language Statements System Functions System Variables Programming Guide |
| User Interfaces Maps | Language Programming Guide → Object Types → Maps |
| Natural Development Environment System Commands | Development Environment System Commands |
| Application Architecture Modularization, subprograms, subroutines, invocation, parameter passing, data access layers, optimistic and pessimistic locking concept | Language Statements Programming Guide → Object Types |
| Project-Related Activities Programming standards, getting help and support | Getting Started Using Natural |
| Application Integration* Interfaces to external systems (CALL, REQUEST DOCUMENT), XML support, migration/porting | Language Statements |
| Single Point of Development (SPoD)* Basic concepts, development scenarios, components, Natural for Windows | Single Point of Development Installation Getting Started |

*Test includes a few basic questions related to this topic.

NOTE: Questions are not restricted to these topic areas and may also include topics described in other sections of the Natural documentation or elsewhere.

BEST WAY TO PREPARE FOR THE TEST

Take training courses

Software AG Education Services offer a variety of training courses and workshops around the world. Recommended training courses to prepare for this test are:

- Building Applications with Natural (I)/ Building Natural Applications
- Building Applications with Natural (II)/ Advanced Natural Applications

Please see the Software AG course catalog for additional offerings.

Visit the Software AG Web site

For the General Natural Knowledge topic area, review the Natural Portfolio Overview material at: www.softwareag.com/corporate/products/natural/portfolio

Review Natural product documentation

For all other topics covered on the test, please review the Natural product documentation. The documentation for Natural for Mainframes, Natural for UNIX and Natural for Windows is available online at: documentation.softwareag.com/natural

OTHER USEFUL RESOURCES

ServLine24

Software AG's Web-based Customer Support System:
servline24.softwareag.com/public

Software AG Developer Network

Software AG's online developer community:
developer.softwareag.com

FREE Natural Productivity Package Personal Edition

Software AG's FREE Personal Edition of Natural Productivity Package will help you become familiar with Natural for Windows (Natural Studio) and the Single Point of Development (SPoD) concept. To order, visit: www.softwareag.com/corporate/solutions/bus_sol/appl_dev/npp_order.asp

Take the next step – Get certified on Natural

Find out more by contacting your Software AG Education Services representative.

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Register online for the test today at www.softwareag.com/certification.

ABOUT SOFTWARE AG

Software AG is the world's largest independent provider of Business Infrastructure Software. Our 4,000 global enterprise customers achieve business results faster by modernizing, integrating and automating their IT systems and processes. As a result, they rapidly build measurable business value and meet changing business demands. Based on our solutions, organizations are able to liberate and govern their data, systems, applications, processes and services – achieving new levels of business flexibility.

Our leading product portfolio includes solutions for high performance data management, developing and modernizing applications, enabling service oriented architecture, and improving business processes. By combining our technology with industry expertise and best practices experience, our customers improve and differentiate their businesses – faster.

Software AG – Get There Faster.™

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