

software tester

Professionals

Information and communications technology professionals

Software and applications developers and analysts

Software and applications developers and analysts not elsewhere classified

software tester

Description

Code

2519.6

Description

Software testers perform software tests. They may also plan and design them. They may also debug and repair software although this mainly corresponds to designers and developers. They ensure that applications function properly before delivering them to internal and external clients.

Scope note

Excludes people performing managerial activities.

Alternative Labels

application software tester
application tester
module tester
soft tester
software application tester
software testers
software testing specialist
tester
unit tester

Regulatory Aspect

To see if and how this occupation is regulated in EU Member States, EEA countries or Switzerland please consult the Regulated Professions Database of the Commission.

Regulated Professions Database:

http://ec.europa.eu/growth/single-market/services/free-movement-professionals/qualifications-recognition_en

Narrower ISCO groups

[- ICT system tester](#)

[- digital games tester](#)

- [ICT usability tester](#)
- [ICT accessibility tester](#)
- [ICT integration tester](#)

Skills & Competences

Essential Skills and Competences

address problems critically | execute software tests | perform software unit testing | provide software testing documentation | replicate customer software issues | report test findings

Essential Knowledge

levels of software testing | software anomalies | software architecture models | software metrics

Optional Skills and Competences

conduct ICT code review | debug software | develop ICT test suite | develop automated software tests | execute integration testing | manage schedule of tasks | measure software usability | perform software recovery testing | plan software testing | use scripting programming

Optional Knowledge

ABAP | AJAX | APL | ASP.NET | Agile project management | Assembly (computer programming) | C# | C++ | COBOL | CoffeeScript | Common Lisp | Erlang | Groovy | Haskell | ICT debugging tools | ICT performance analysis methods | ICT project management methodologies | Java (computer programming) | JavaScript | LDAP | LINQ | Lean project management | Lisp | MATLAB | MDX | ML (computer programming) | Microsoft Visual C++ | N1QL | Objective-C | OpenEdge Advanced Business Language | PHP | Pascal (computer programming) | Perl | Process-based management | Prolog (computer programming) | Python (computer programming) | R | Ruby (computer programming) | SAP R3 | SAS language | SPARQL | Scala | Scratch (computer programming) | Smalltalk (computer programming) | Swift (computer programming) | TypeScript | VBScript | Visual Studio .NET | XQuery | application usability | audit techniques | computer programming | hardware components | query languages | resource description framework query language | software components | libraries | tools for ICT test automation | unstructured data

Concept URI

Concept Uri

<http://data.europa.eu/esco/occupation/106f79e4-6264-45f1-9e7a-297435cd684b>

Status

released

Change log

From v1.0.8 to v1.1.0: