# Software specifications

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| Chapter number | Software required (With version) | Free/Proprietary | If proprietary, can code testing be performed using a trial version | If proprietary, then cost of the software | Download links to the software | **Hardware specifications** | OS required |
| 1 | Atlassian JIRA Software 7.0.0 or higher | Proprietary | Yes | $10 - $24000 | <https://www.atlassian.com/software/jira/download?b=j> | x86 | Windows |
|  | MySQL Community Server | Free |  |  | <http://dev.mysql.com/downloads> | x86 | Windows |
|  | MySQL Java Driver | Free |  |  | <https://dev.mysql.com/downloads/connector/j> |  |  |
| 2 | ScriptRunner for JIRA | Proprietary | Yes | $10 minimum | <https://marketplace.atlassian.com/plugins/com.onresolve.jira.groovy.groovyrunner> |  |  |
| 3 | JIRA Suite Utilities | Free |  |  | <https://marketplace.atlassian.com/plugins/com.googlecode.jira-suite-utilities> |  |  |
|  | ScriptRunner for JIRA | Proprietary | Yes | $10 minimum | <https://marketplace.atlassian.com/plugins/com.onresolve.jira.groovy.groovyrunner> |  |  |
| 4 | Kerberos SSO Authenticator for JIRA | Proprietary | Yes |  | <http://www.appfusions.com/display/KBRSCJ/Home> |  |  |
|  | JIRA Command Line Interface | Proprietary | Yes | $10 minimum | <https://marketplace.atlassian.com/plugins/org.swift.jira.cli/cloud/overview> |  |  |
| 5 | CFR Part 11 E-Signatures | Proprietary | Yes |  | <http://www.appfusions.com/display/PRT11J/Home> |  |  |
|  | Password Policy | Proprietary | Yes | $10 minimum | <https://marketplace.atlassian.com/plugins/com.intenso.jira.plugins.password-policy> |  |  |
| 7 | Google Drive in Atlassian JIRA | Proprietary | Yes |  | <http://www.appfusions.com/display/GDOCSJ/Home> |  |  |
|  | Atlassian Confluence | Proprietary | Yes |  |  |  |  |
|  | Atlassian Stash | Proprietary | Yes |  |  |  |  |
|  | Atlassian Bamboo | Proprietary | Yes |  |  |  |  |
|  | Mozilla Firefox | Free |  |  | <https://www.mozilla.org/en-US/firefox/new> |  |  |
|  | RESTClient for Firefox | Free |  |  | <https://addons.mozilla.org/en-US/firefox/addon/restclient> |  |  |
| 8 | JIRA Automation Plugin | Free |  |  | <https://marketplace.atlassian.com/plugins/com.atlassian.plugin.automation.jira-automation-plugin> |  |  |
|  | ScriptRunner for JIRA | Proprietary | Yes |  | <https://marketplace.atlassian.com/plugins/com.onresolve.jira.groovy.groovyrunner> |  |  |
|  | User Switcher | Free |  |  | <https://marketplace.atlassian.com/plugins/com.tngtech.jira.plugins.schizophrenia> |  |  |
|  | Atlassian Command Line Interface | Free |  |  | <https://marketplace.atlassian.com/plugins/org.swift.atlassian.cli> |  |  |
|  | JIRA Home Directory and DB Browser | Free |  |  | <https://marketplace.atlassian.com/plugins/info.renjithv.jira.plugins.sysadmin.homedirectorybrowser/server/overview> |  |  |
| 9 | JIRA Service Desk 3.1.4 or higher | Proprietary | Yes | $10 minimum | <https://www.atlassian.com/software/jira/service-desk/download> |  |  |