

# OVAL Test Content

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# Introduction to the OVAL Test Content

- **A set of OVAL Definitions that will, over time, cover all basic behavior of the OVAL Language**
  - Core capabilities – e.g. datatypes, variables, regular expressions
  - Platform tests – e.g. Windows registry\_test, Linux dpkginfo\_test
- **Like a set of unit tests**
  - Provide a simple way to test the capabilities of an OVAL Definition Evaluator
- **Other notes:**
  - org.mitre.oval.test namespace
  - Unique OVAL-IDs
  - One definition per file, covers a single test or capability
  - A work in progress

# Use Cases

## ■ Developer

- Testing during development
- Does my tool give the correct results?

Better Tools

## ■ User

- Evaluation before purchase
- Does this product fit my needs?

Know what  
you're getting

## ■ Content Author

- Examples of how to write OVAL Definitions
- How might I use this OVAL Test?

Better Content

# Usage

- <http://oval.mitre.org/repository/about/testcontent.html>
- A single ZIP file that contains all the test content for a single platform
  - Unzip test content
  - Unzip support files
  - Run test content through OVAL Definition Evaluator
    - Definitions will evaluate to “true” if the capability is supported

The screenshot displays the OVAL Repository website. At the top, there is a navigation bar with 'PRODUCTS INCLUDING OVAL', 'NEWS — MARCH 21, 2011', and a 'SEARCH' button. The OVAL logo is on the left, and the text 'Open Vulnerability and Assessment Language' is on the right, with the subtitle 'The Standard for Determining Vulnerability and Configuration Issues on Computer Systems'. Below this is a red banner with 'OVAL LANGUAGE -- VERSION 5.9' and 'OVAL REPOSITORY - 10554 DEFINITIONS'. The main content area shows a breadcrumb trail: 'OVAL REPOSITORY > ABOUT > OVAL TEST CONTENT'. On the left is a sidebar with links for 'About OVAL', 'OVAL in Use', 'OVAL Community', and 'OVAL Repository'. The main content area is titled 'OVAL Test Content' and includes a sub-header 'Use Cases | Usage Instructions | Downloads'. The text describes the OVAL Test Content as a set of OVAL Definitions for testing OVAL Definition Evaluators. It lists three benefits: Developers, Users, and Content Authors. On the right, there are two sidebars: 'OVAL Repository' with links like 'About the Repository', 'OVAL Repository Forum', 'Latest Updates', 'Statistics', 'Search', 'Downloads', 'Author's Resources', and 'Submit Content'; and 'Items of Interest' with links for 'OVAL Archive' and 'Terms of Use'. At the bottom right, there is a link for 'Other Repositories'.

# Next Steps

- **Ongoing development by the OVAL Team**
  - You can help!
- **Your feedback is critical**
  - Try it out, let us know what you think
  - Does it help your organization?
  - How can we make it better?
- **Please send feedback to the OVAL Developer List**
  - [oval-developer-list@lists.mitre.org](mailto:oval-developer-list@lists.mitre.org)