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

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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**

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**

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