

| Package or Project                                     | Code Count and Languages                                 | Description (refer to VOS High Level Arch Diagram.pdf for further detail)   |
|--|--|---|
| gov.va.med.vos.vos-business-service                    | <a href="#">vos-business-service-code-and-languages</a>  | This software fulfills roles within the business rules management and workflow business logic modules of the VOS High Level Architecture Diagram. This software will handle all business rules and workflow for coordination of calendars for all principals within the scheduling engine and make sure that correct free/busy times are displayed and appointments get booked.                                 |
| gov.va.med.scheduling.notification                     | <a href="#">VOSClient-code-and-languages</a>             | This software is leveraged by the vos-business-service to assist with notifications (email/sms) of booked appointments.   |
| gov.va.med.vos.vos-common                              | <a href="#">vos-common-code-and-languages</a>            | This software is a common set of utilities for accessing the scheduling engine software over industry recognized specifications and is leveraged in the user interface, business rules management and workflow engine modules of the VOS High Level Architecture Diagram.   |
| gov.va.med.vos.vos-batch-caldav-util                   | <a href="#">vos-batch-caldav-util-code-and-languages</a> | This software provides a utility that will preload the scheduling engine COT software with data for initial setup of the scheduling solution.   |
| gov.va.med.vos.vos-patient-profile                     | <a href="#">vos-patient-profile-code-and-languages</a>   | This software provides a UI and business logic for interacting with a patient (specific user role of the entire solution) profile and is leveraged within the user interface module of the VOS High Level Architecture Diagram. It is accessed or leveraged by the VOSClient software   |
| gov.va.med.scheduling.VOSClient                        | <a href="#">VOSClient-code-and-languages</a>             | This software provides the user interface and business logic for client side web service interaction with the business rules and workflow modules referenced in the VOS High Level Architecture Diagram.  |
| gov.va.medora.mdws.schedulingsvc.scheduling-ws-manager | <a href="#">scheduling-ws-manager-code-and-languages</a> | This software is leveraged by the vos-business-service and provides the role of the VistA MDWS Sync and workflow modules within the VOS High Level Architecture Diagram. This software manages calls to MDWS web services utilizing the business POJO and business logic within the scheduling-ws-client software.  |
| gov.va.medora.mdws.schedulingsvc.scheduling-ws-client  | <a href="#">scheduling-ws-client-code-and-languages</a>  | This software is leveraged by the vos-business-service and scheduling-ws-manager and provides the role of the VistA MDWS Sync and workflow modules within the VOS High Level Architecture Diagram. This software project is a lightweight project that consists of a maven build that creates business plain old java objects (POJO) and client side business logic for interacting with the MDWS web services. |

**vos-common**

<http://cloc.sourceforge.net> v 1.58 (numbers denote lines except for the files column)

| <b>Language</b> | <b>files</b> | <b>blank</b> | <b>comment</b> | <b>code</b> |
|-----------------|--------------|--------------|----------------|-------------|
| PHP             | 422          | 14793        | 15515          | 34859       |
| XML             | 7            | 544          | 8              | 5931        |
| Java            | 8            | 109          | 66             | 517         |
| SQL             | 16           | 48           | 4              | 419         |
| Python          | 2            | 62           | 105            | 221         |
| Ant             | 1            | 20           | 4              | 55          |
| Maven           | 1            | 6            | 0              | 51          |
| YAML            | 2            | 5            | 1              | 19          |
| Bourne Shell    | 1            | 0            | 0              | 2           |
| SUM:            | 460          | 15587        | 15703          | 42074       |

## scheduling-ws-client

<http://cloc.sourceforge.net> v 1.58 (numbers denote lines except for the files column)

| Language | files | blank | comment | code |
|----------|-------|-------|---------|------|
| Maven    |       | 1     | 2       | 0 88 |

## **scheduling-ws-manager**

<http://cloc.sourceforge.net> v 1.58 (numbers denote lines except for the files column)

| Language | files | blank | comment | code |     |
|----------|-------|-------|---------|------|-----|
| Java     |       | 3     | 59      | 185  | 301 |
| Maven    |       | 1     | 1       | 0    | 33  |
| SUM:     |       | 4     | 60      | 185  | 334 |

**vos-patient-profile**

<http://cloc.sourceforge.net> v 1.58 (numbers denote lines except for the files column)

| <b>Language</b> | <b>files</b> | <b>blank</b> | <b>comment</b> | <b>code</b> |  |
|-----------------|--------------|--------------|----------------|-------------|--|
| CSS             | 13           | 201          | 197            | 892         |  |
| Java            | 10           | 133          | 48             | 506         |  |
| JSP             | 4            | 10           | 4              | 200         |  |
| Maven           | 1            | 22           | 4              | 168         |  |
| DOS Batch       | 12           | 36           | 0              | 130         |  |
| XML             | 6            | 26           | 16             | 108         |  |
| SUM:            | 46           | 428          | 269            | 2004        |  |

## **vos-business-service**

<http://cloc.sourceforge.net> v 1.58 (numbers denote lines except for the files column)

| <b>Language</b> | <b>files</b> | <b>blank</b> | <b>comment</b> | <b>code</b> |
|-----------------|--------------|--------------|----------------|-------------|
| Java            | 33           | 776          | 541            | 2478        |
| XSD             | 3            | 32           | 8              | 944         |
| Maven           | 1            | 23           | 9              | 196         |
| XML             | 4            | 1            | 0              | 126         |
| SUM:            | 41           | 832          | 558            | 3744        |

## **vos-batch-caldav-util**

<http://cloc.sourceforge.net> v 1.58 (numbers denote lines except for the files column)

| <b>Language</b> | <b>files</b> | <b>blank</b> | <b>comment</b> | <b>code</b> |
|-----------------|--------------|--------------|----------------|-------------|
| Java            | 6            | 123          | 21             | 565         |
| DOS Batch       | 14           | 53           | 0              | 202         |
| Maven           | 2            | 19           | 4              | 146         |
| XML             | 3            | 26           | 240            | 73          |
| XSLT            | 1            | 5            | 0              | 22          |
| SUM:            | 26           | 226          | 265            | 1008        |

## VOSClient

<http://cloc.sourceforge.net> v 1.58 (numbers denote lines except for the files column)

| <b>Language</b> | <b>files</b> | <b>blank</b> | <b>comment</b> | <b>code</b> |
|-----------------|--------------|--------------|----------------|-------------|
| MXML            | 48           | 1928         | 474            | 7005        |
| ActionScript    | 123          | 1605         | 717            | 6300        |
| Java            | 49           | 500          | 4017           | 5000        |
| CSS             | 2            | 143          | 572            | 427         |
| XML             | 6            | 2            | 0              | 332         |
| Ant             | 1            | 18           | 2              | 138         |
| SUM:            | 229          | 4196         | 5782           | 19202       |