

# IMSR-TOOL USER MANUAL 1.05

---

## Abstract

IMSR-TOOL is open-source Java application to help extract information from Incident Management Situation Reports. IMSRs are PDFs, available for download at the historical IMSR data archive: [www.predictiveservices.nifc.gov/intelligence/archive.htm](http://www.predictiveservices.nifc.gov/intelligence/archive.htm)

---

---

## The Author

Dung Nguyen: Colorado State University (Fort Collins, CO, USA), [dzung.csu@gmail.com](mailto:dzung.csu@gmail.com)

---

---

## Copyright (C) 2016-2020 IMSR-TOOL DEVELOPER

IMSR-TOOL is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version. IMSR-TOOL is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY, without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details. You should have received a copy of the GNU General Public License along with IMSR-TOOL. If not, see <http://www.gnu.org/licenses/>.

---

---

## Visit IMSR-TOOL website at

<https://github.com/thumit/IMSRtool>

---

---

**Drafted** by Dung Nguyen in February 2023.  
Please contact the author for additional information.

---

# Table of Contents

---

|   |   |
|---|---|
| 1. Software Requirement.....                    | 1 |
| 2. Software Functionality .....                 | 1 |
| 2.1. PDF to TXT Conversion .....                | 1 |
| 2.2. IMSR Data Exploration and Extraction ..... | 1 |

## 1. Software Requirement

---

IMSR-TOOL is released as a 64-bit portable desktop application that is available to download at <https://bitbucket.org/PRISM-Members/PRISM/downloads/>. The latest version IMSR-TOOL-1.05 requires following conditions to run:


- Hardware: a 64-bit computer
- Software: Java JDK 15 or later versions. The Java JDK 15 could be downloaded at <https://www.oracle.com/java/technologies/javase-jdk15-downloads.html>

After downloading IMSR-TOOL, users can launch it by opening the **IMSR-TOOL.jar** file

## 2. Software Functionality

---

### 2.1. PDF to TXT Conversion

Users can launch PRISM by opening the **Prism.jar** file (  Prism ) in the decompressed package folder. The welcome screen of PRISM would show memory information of the user's computer. Users can specify the maximum memory for PRISM to use during a working session. This memory set up

### 2.2. IMSR Data Exploration and Extraction