

# Installing OAT 1.0.2 for ENVI 5.4+ under Windows

PDS Geosciences Node – Last updated 2019-07-18

## 0 Introduction

This document describes the procedure for installing the OMEGA Analysis Tool (OAT) for use with ENVI 5.4 and above.

### 0.1 Contact Information

This version of OAT was produced by the PDS Geosciences Node (<http://pds-geosciences.wustl.edu>) based on work by the OMEGA Science Team. Feel free to contact us with comments or questions at [geosci@wunder.wustl.edu](mailto:geosci@wunder.wustl.edu).

## 1 How to Install OAT under Windows

These instructions describe the process for installing this version of OAT on Windows, whether or not you have a previous version installed.

1. If there is a previous installation of OAT on your computer, delete C:\Program Files\OAT\_ENVI, or rename it if you wish to save the previous version of OAT. This may require administrator rights, and may require ENVI and IDL to be closed.
2. Extract the folder OAT\_ENVI from the OAT zip archive. Move OAT\_ENVI to C:\Program Files\ (requires admin rights).
3. In the IDL console, run the following commands to compile OAT. Copying and pasting one line at a time into the console is an effective way to do this.

```
.reset_session  
  
PREF_SET, 'IDL_PATH', '+C:\Program Files\OAT_ENVI;'+pref_get('IDL_PATH'), /commit  
  
.compile oat_menu.pro  
  
resolve_all, /continue_on_error, skip_routines='ENVI'  
  
save, filename = 'C:\Program Files\oat_envi\tmp\oat_menu.sav', /routines
```

4. Move oat\_menu.sav file from the folder C:\Program Files\OAT\_ENVI\tmp to the folder C:\Program Files\Harris\ENVI5X\extensions\ (inside your ENVI installation directory). If there is a previous installation of OAT, this will overwrite the previous OAT .sav file.
5. Restart ENVI. OAT will be in the Display menu.