

---

Software Reuse Working Group  
9<sup>th</sup> NASA Earth Science Data Systems WG Meeting  
Breakout-session schedule  
WG Chair: Chris Mattmann  
WG Co-Chair: Bob Downs  
WG Support Team Lead: James Marshall

**Day 1 (1:00pm-3:00pm)**

- Open Source and Reuse (Joint Breakout)
  - Discussion on Open Source and its applicability to Reuse (Chris, all)

**Day 1 (3:30pm-5:30pm)**

- Open Source and Reuse (Joint Breakout)
  - Discussion on Open Source and its applicability to Reuse (Chris, all)

**Day 2 (9:00am-10:45am)**

- Introduction Slides (9:00am-9:15am)
  - WG Charter
  - Review Goals of the group
- Decadal Mission Report Backs (9:15am-9:45am)
  - SMAP RES (Chris Mattmann)
  - ICESAT-2 RRL use (Bob Downs)
  - DESDYNI/OCO2 reach out plan (Chris, all)
- Reuse Readiness Levels: Part 1 (9:45am-10:15am)
  - Reuse Calculators (Jim, all)
  - Integration into RES (Chris, all)
- Guest Speaker: TBD from GSFC (or JPL?) IPP office (10:15am-10:45am)

**Day 2 (11:00am-12:30pm)**

- Reuse Readiness Levels: Part 2 (11:00am-12:30)
  - Discussion of updates to RRL 1.1 (Chris)
  - Planning for RRL 1.1 (Jim, all)
  - RRL integration and use cases in Decadal Missions (Bob)

**Day 2 (1:30pm-3:30pm)**

- Finalizing the Software Packaging 1.0 recommendation (1:30pm-3:30pm)
    - Packaging Use Cases (Chris)
    - Gaps in the packaging metadata models (Chris, all)
-

- 
- Mapping to existing packaging technologies for software reuse (Ibiblio/Maven, PyPI, CPAN, others)

### **Day 2 (3:45pm-5:30pm)**

- Review of accomplishments over past year (3:45pm-4:45pm)
  - Checklist (Chris, Bob)
  - Disposition of remaining items (Chris, Bob)
- Publication opportunities (4:50pm-5:10pm)
- Outreach opportunities (5:10pm-5:30pm)
- Break (5:30)

### **Day 3 (9:00am-12:00pm)**

- Planning of WG action items for next year (9:00am-11:00am)
    - Decadal Mission Reuse Study 1.0 document (Chris)
    - Guest Speakers from Govt/Academia/Open Source for upcoming year (Chris, all)
    - RRL integration into NTR documents pilot study (Chris, Jim)
    - ESDSWG reference architecture effort and its applicability (Chris)
  - Preparation for full WG report back (11:10am-12:00pm)
  - Break (12:00pm)
-