

1. ERS-1 xml input file examples

The contents of `insar_input.xml` for the multiple input files style should look like the following (where the names of the files, `19950421.xml` and `19971227.xml`, are most likely different from the names you may have chosen; the names don't matter as long as they are correctly identifying the files containing the data indicated below):

```
<insarApp>
<component name="insarApp">
  <property name="sensor name">
    <value>ERS</value>
  </property>
  <component name="Master">
    <catalog>19950421.xml</catalog>
  </component>
  <component name="Slave">
    <catalog>19971227.xml</catalog>
  </component>
</component>
</insarApp>
```

The contents of `19950421.xml` should look like:

```
<component name="Master">
  <property name="IMAGEFILE">
    <value>../19950421/DAT_01.001</value>
  </property>
  <property name="LEADERFILE">
    <value>../19950421/LEA_01.001</value>
  </property>
  <property name="ORBIT_TYPE">
    <value>"ODR"</value>
  </property>
  <property name="ORBIT_DIRECTORY">
    <value>/home/ubuntu/data/orbits/ERS/ODR/ERS1</value>
  </property>
  <property name="OUTPUT">
    <value>"master.raw"</value>
  </property>
</component>
```

The contents of 19971227.xml should look like:

```
<component name="Slave">
  <property name="IMAGEFILE">
    <value>../19971227/DAT_01.001</value>
  </property>
  <property name="LEADERFILE">
    <value>../19971227/LEA_01.001</value>
  </property>
  <property name="ORBIT_TYPE">
    <value>"ODR"</value>
  </property>
  <property name="ORBIT_DIRECTORY">
    <value>/home/ubuntu/data/orbits/ERS/ODR/ERS2</value>
  </property>
  <property name="OUTPUT">
    <value>"slave.raw"</value>
  </property>
</component>
```

The contents of the all-in-one style of input file insar_allinput.xml should look like the following:

```
<insarApp>
<component name="insarApp">
  <property name="sensor name">
    <value>ERS</value>
  </property>
  <component name="Master">
    <property name="IMAGEFILE">
      <value>../19950421/DAT_01.001</value>
    </property>
    <property name="LEADERFILE">
      <value>../19950421/LEA_01.001</value>
    </property>
    <property name="ORBIT_TYPE">
      <value>"ODR"</value>
    </property>
    <property name="ORBIT_DIRECTORY">
      <value>/home/ubuntu/data/orbits/ERS/ODR/ERS1</value>
    </property>
    <property name="OUTPUT">
```

```
        <value>"master.raw"</value>
    </property>
</component>
<component name="Slave">
    <property name="IMAGEFILE">
        <value>../19971227/DAT_01.001</value>
    </property>
    <property name="LEADERFILE">
        <value>../19971227/LEA_01.001</value>
    </property>
    <property name="ORBIT_TYPE">
        <value>"ODR"</value>
    </property>
    <property name="ORBIT_DIRECTORY">
        <value>/home/ubuntu/data/orbits/ERS/ODR/ERS2</value>
    </property>
    <property name="OUTPUT">
        <value>"slave.raw"</value>
    </property>
</component>
</insarApp>
```