

# Ijobinfo - for ERSClient API

IJobInfo - Provide Job Information on process on the server.

When rendering a report or generating data, methods return an !IJobInfo interface.  
You can extract related information about a particular job submitted to server.

## Example

```
import com.elixirtech.report2.runtime.IJobInfo;

...
public static DecimalFormat Decimal_Format;
static
{
    Decimal_Format = new DecimalFormat("#####0.000");
}

public void printReportGenerateJobInfo(IJobInfo myJob)
{
    SimpleDateFormat df = new SimpleDateFormat("yyyyMMdd-Hmm");
    m_DateFormat = df.format(new Date());

    long timeRecieved = job.getLong(IJobInfo.JOB_RECEIVED);
    long timeStarted = job.getLong(IJobInfo.JOB_STARTED);
    long timeEnded = job.getLong(IJobInfo.JOB_ENDED);
    double totalQueueTime = (double) (timeStarted - timeRecieved) / 1000.0;
    double totalJobProcessTime = (double) (timeEnded - timeStarted) / 1000.0;
    double totalJobTime = (double) (timeEnded - timeRecieved) / 1000.0;
    int page = job.getInteger(IJobInfo.PAGE_COUNT);
    int recordcount = job.getInteger(IJobInfo.RECORD_COUNT);
    String mimeType = job.getString(IJobInfo.MIME_TYPE);
    double size = (double) job.getLong(IJobInfo.BYTE_SIZE) / 1000.0;

    String info = "total_thread ," + m_TotalThread + ", thread_id ,"
        + m_ThreadID + ", loop ," + loop + ", start ," + start
        + ", end " + end + ", client_time_taken(s) ,"
        + Decimal_Format.format(timeTaken)
        + ", job_time_queued(s) ,"
        + Decimal_Format.format(totalQueueTime)
        + ", job_time_process(s) ,"
        + Decimal_Format.format(totalJobProcessTime)
        + ", job_time_total(s) ,"
        + Decimal_Format.format(totalJobTime)
        + ", job_time_recieved(ms) ," + timeRecieved
```

```
+ ", job_time_started(ms) ," + timeStarted
+ ", job_time_ended(ms) ," + timeEnded
+ ", job_mime_type ," + mimeType + ", job_page ," + page
+ ", job_size(kb) ," + size
+ ", record_size ," + recordcount
+ ", job_name ," + job.getString(IJobInfo.NAME)
+ ", param_labels, "+m_ParamLabels;
System.out.println(info);
}
```

Users of ERSClient 5.1.x or lesser API versions, will have to migrate their code to this new interface.