

# QueryResponseWriter

## QueryResponseWriter

A [QueryResponseWriter](#) is a [Solr Plugin](#) that defines the response format for any request.

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### Configuration

Multiple writers (including multiple instances of the same QueryResponseWriter class with different configurations) can be specified in the `solrconfig.xml`

```
<queryResponseWriter name="foo" default="true" class="my.package.CustomResponseWriter"/>
<queryResponseWriter name="bar" class="my.package.AnotherCustomResponseWriter"/>
<queryResponseWriter name="blat" class="my.package.AnotherCustomResponseWriter">
  <int name="some_init_param">5</int>
</queryResponseWriter>
```

### Response Writer Resolution

Clients access specific QueryResponseWriters using the '`wt`' parameter For the above example, running on `localhost:8983/solr/`, you could access:

```
http://localhost:8983/solr/select/?wt=foo&q=solr
http://localhost:8983/solr/select/?wt=bar&q=solr
http://localhost:8983/solr/select/?wt=blat&q=solr
http://localhost:8983/solr/select/?q=solr
```

Solr selects a handler to process a request using the following steps...

1. look for a writer with a name matching the "wt"
2. look for a writer configured with `default="true"`
3. look for a writer configured with `name="standard"`
4. use an anonymous instance of [XmlResponseWriter](#)

### List of Writers Available

The Javadocs contain [a complete list of Response Writers](#). Many of which have their own wiki pages...

- [SolJSON](#)
- [SolPHP](#)
- [SolPython](#)
- [Ruby Response Format](#)
- [CSVResponseWriter](#)
- [VelocityResponseWriter](#)
- [XMLResponseFormat](#)
- [XsltResponseWriter](#)
- [javabin](#)