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| Property Label | Property Description |
| File prefix | File prefix of generated report. A timestamp is appended to this string to generate a unique report |
| Report Title | Title appearing at the top of report |
| Report Header | Descriptive heading appearing on the report |
| Geometry Source | Source of query geometry |
| Geometry Field | Field or tag of the source geometry |
| Buffer Distance | Fixed distance from input geometry used to create buffer polygon |
| Buffer Units | Linear units used to measure the buffer |
| Input WKID | Well-known id of the input geometry's coordinate system |
| Buffer WKID | Well-known id of the spatial reference used to measure the buffer (must be projected) |
| Output WKID | Well-known id of the output geometry's coordinate system |
| Generate time-stamp | Generate a token that is replaced by a time-stamp in the report |
| Host | GeoEvent server host |
| Output GeoEvent Definition | Name of the GeoEvent definition created by the processor |
| ArcGIS Server Connection | Connection to ArcGIS Server hosting the service that will be queried |
| Folder | Folder containing the service that will be queried |
| Service | Service that will be queried |
| Layer | Layer that will be queried |
| Layer Header | Optional heading describing layer that is queried |
| Where Clause | Optional sql-like where clause applied to spatial query |
| Calculate Distance | When set to true, a token is generated that can be replaced by the distance from the feature to the query geometry |
| Use centroid | When set to true the centroid of the query geometry is used to calculate distance. When set to false the geometry of the input GeoEvent service is used to calculate distance. |
| Sort By Distance | When set to true, the records in the report are sorted by the distance of the corresponding feature from the input geometry or centroid. When false, the queried items are sorted alphabetically. |
| Distance Units | Units of output distance |
| Query Fields | Fields queried by processor |
| Sort Field | Returned attribute field used to sort records in the report |
| Item configuration | String used to configure report. Features queried by processor can be inserted into each item configuration using tokens. |
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| Token Type | Format | Where used |
| time | ${ timestamp.value} | Any header or the item config |
| distance | ${ distance.value} | Item config only |
| feature | ${<attributename>} | Item config only |
| geoevent | ${geoevent.<fieldname>} | Any header or the item config |

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| Property Label | Value |
| Name | Generate Report |
| Processor | Query Report Processor |
| File prefix | test\_qr |
| Report Title | ${geoevent.magnitude} Earthquake Reported |
| Report Header | ${geoevent.magnitude} earthquake reported on ${timestamp.value}.<br> long/lat (${geoevent.long}, ${geoevent.lat})<br>depth: ${geoevent.depth} meters below the surface. |
| Geometry Source | Buffer |
| Buffer Distance | 150000 |
| Buffer Units | Meters |
| Input WKID | 4326 |
| Buffer WKID | 3857 |
| Output WKID | 4326 |
| Generate time-stamp | yes |
| Host | localhost (your gep server instance) |
| Output GeoEvent Definition | QueryReportTest |
| ArcGIS Server Connection | <RegisteredDataSore> |
| Folder | EM |
| Service | refugee\_camps |
| Layer | <sdeserver>.sde.refugee\_camps |
| Layer Header | Vulnerable Populations – Refugee Camps: |
| Where Clause | “” |
| Calculate Distance | yes |
| Use centroid | yes |
| Sort By Distance | yes |
| Distance Units | Kilometers |
| Query Fields | name,population |
| Item configuration | ${name} (population: ${population}, distance: ${distance.value} km) |
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