

A Few Useful SQL Queries for System Platform

Here are some tips for more advanced Wonderware System Platform users.

These are all SQL queries, and can be executed from SQL Management Studio, selecting the database that matches your Galaxy name.

CAUTION: Do not make changes to any data in this database. You are peeking behind the scenes of the IDE here, and could corrupt your galaxy very easily if you're not careful.

1. Get a list of ALL checked-out objects

```
select tag_name
from gobject
where checked_out_by_user_guid is not NULL
```

Formatted: Indent: Left: 1"

2. Get a list of all Attributes/UDAs with Alarming enabled

```
select *
from internal_all_alarms_view
```

Formatted: Normal

3. Get a list of all objects on a platform.
Substitute your actual platform name for 'GRplatform' below.

```
select internal_common_obj_i.tag_name
from gobject_g
inner join internal_common_obj_i
on gobject.gobject_id = internal_common_obj_i.myplatform
where iinternal_common_obj.myplatform in
(
    select gobject_id
    from gobject
    where tag_name = 'GRplatform')
```

Formatted: Indent: First line: 0.5"

Formatted: Font: (Default) Consolas

Formatted: Normal

4. Get a list of all Attributes/UDAs with History enabled

```
select
    g.tag_name + '.' + p.primitive_name
as name,
    p.gobject_id,
    p.package_id,
    p.mx_primitive_id
from dbo.gobject as g
```

Formatted: Indent: First line: 0.5"

```
inner join dbo.primitive_instance as-p
inner join dbo.primitive_definition as-pd
inner join dbo.package as-pkg
where (g.is_template = 0)
and (g.namespace_id = 1)
```