 Gmail

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GlideSystem ServiceNow
1 message

Awad Bin-Jawed <awadbinjawed@gmail.com>   Sun, Apr 14, 2019 at 2:57 PM
To: Awad Bin-Jawed <awadbinjawed@gmail.com>

GlideSystem   **+ Subscribe**   **...**

`Jakarta`

The `GlideSystem` API provides methods for retrieving information.

The `GlideSystem` (referred to by the variable name '*gs*' in business rules) provides a number of convenient
methods to get information about the system, the current logged in user, etc. For example, the method
`addInfoMessage()` permits communication with the user.

```
gs.addInfoMessage('Email address added for notification');
```

Many of the `GlideSystem` methods facilitate the easy inclusion of dates in query ranges and are most often used in
filters and reporting.

GlideSystem

Use the *GlideSystem* API to, for example:

- Find information about the currently logged in user

- Log messages (debug, error, warning, info)

- Add messages to pages

- Generate events

- Execute scheduled jobs

- And more...

See the *GlideSystem* API reference for a complete list of methods.

To use methods from the *GlideSystem* class, use the *gs* object:

```
gs.<method>
```

Examine the example script:

```
Script
    1 ▾ (function executeRule(current, previous /*null when async*/) {
    2
    3        // Write an info level log message to log the Requested for's email address
    4        gs.info("Requested for's email is: " +current.u_requested_for.email);
    5
    6        // Write an info message to the page showing the Requested for's employee number
    7        gs.addInfoMessage("Requested for's employee number is:  " +
        current.u_requested_for.employee_number);
    8
    9        // Write an info message to the page if the currently logged in user has the admin role
   10 ▾   if(gs.hasRole("admin")){
   11            gs.addInfoMessage("Currently logged in user has the admin role.");
   12        }
   13
   14   })(current, previous);
```

This sample script writes one message to the log and two messages to the screen:

≡ App Log New Search	Created ▼	Search

▽ All > Created on Today

⚙ 🔍   ≡ Created ▼   ≡ Level   ≡ Message

☐   ⓘ   2019-01-04 08:02:42   Information   Requested for's email is: fred.luddy@example.com

‹   ≡   NeedIt NI002002

ⓘ Requested for's employee number is: 00001

ⓘ Currently logged in user has the admin role.