

Intelligent Agents in Brightspace

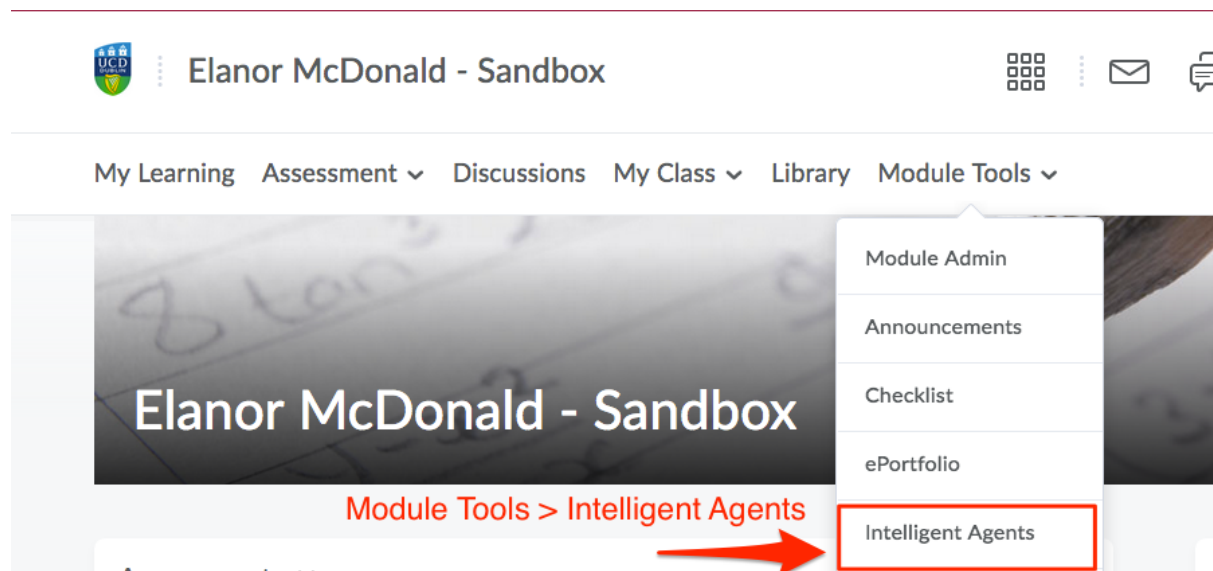
It is possible to automate communications to students based on their activity in the module. You can do this by using a tool called *Intelligent Agents*.

Intelligent agents can be used for many different reasons:

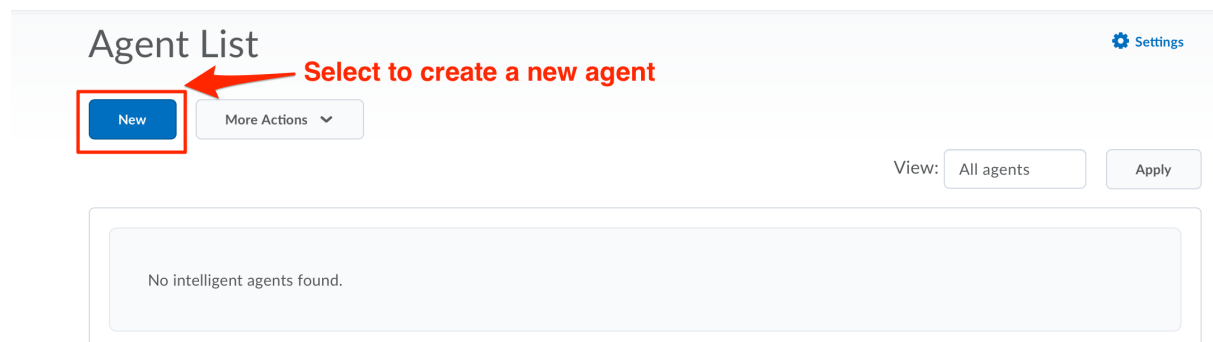
- Automate a welcome note to the class
- Notify students that are falling behind in their work
- Remind students about upcoming deadlines
- To give instant feedback on quiz scores

Creating Intelligent Agents

Step 1 - To create an intelligent agent go to *Module Tools* in the top nav and select *Intelligent Agents*.

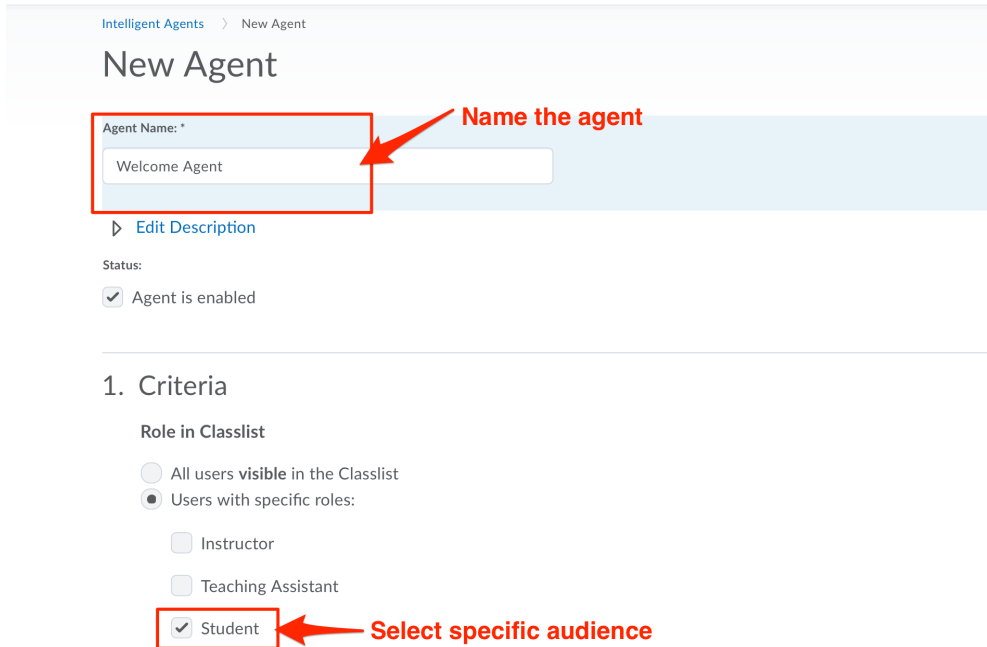


Step 2 - Select *New* from the options on the next page.



This example creates an agent that triggers a welcome email to users that have logged into the module for the first time.

Step 3 - On creating the agent, you must name it and you can specify the audience for the agent i.e. users of the module.



Intelligent Agents > New Agent

New Agent

Agent Name: *

Welcome Agent

[Edit Description](#)

Status:

Agent is enabled

1. Criteria

Role in Classlist

All users visible in the Classlist

Users with specific roles:

- Instructor
- Teaching Assistant
- Student

Step 4 - Next you specify what activity will trigger the agent and how often it will repeat. In this case the agent will initiate once a student has logged in during a 24 hour period. As this is a welcome email the agent will only need to trigger once.

Login Activity

- Take action when the following login criteria are satisfied:
- User has not logged in for at least day(s)
 - User has logged in during the past day(s)

Module Activity

- Take action when the following module activity criteria are satisfied:
- User has not accessed module for at least day(s)
 - User has accessed module during the past day(s)

Specify activity to trigger agent

Release Conditions

-

There are no conditions attached to this item.

2. Actions

Repetition

- Take action only the first time the agent's criteria are satisfied for a user
- Take action every time the agent is evaluated and the agent's criteria are satisfied for a user

[Which Action Repetition setting should I use?](#)

Specify repetition of action

Step 5 - Next define the text of the email that will be sent to student and create the mailing list that the email will be sent to. Use *Replace Strings* to define the target audience of the email. Using a *Replace String* in the To Cc or Bcc field will automatically populate the email with the addresses of the intended recipients without having to enter email addresses one by one. In this example the *Replace String* {Initiating User} is entered which will send an email to all students that meet the criteria of the intelligent agent. You can use *Replace Strings* {InitiatingUser} or {InitiatingUserAuditors} in the To, Cc and Bcc fields.

What special email addresses can I use? - Elanor McDonald - Sandbox

https://brightspace.ucd.ie/d2l/1p/inlineHelp/6673/help?titleTerm=IntelligentAgents.ManageAgent.helpW

What special email addresses can I use?

You can use the following replace strings in the To, Cc, and Bcc address fields to send the agent email to specific recipients:

- {InitiatingUser}** - The user who performs the actions necessary to satisfy the agent's criteria.
- {InitiatingUserAuditors}** - The auditors of the user who performs the actions necessary to satisfy the agent's criteria.

Close



Initiating User will be the student in this example

Send an Email

Send an email when the criteria are satisfied **Select option to send email**

Name that the emails come from: Elanor McDonald

Reply-To address for responses: d2lsupport@ucdublin.brightspace.com

How can I change the default From and Reply settings?

To: * {Initiating User} **Use replace string to automate address list**

Cc:

Bcc:

What special email addresses can I use?

Subject: * Welcome to the Module

What replace strings can I use in the subject and message?

Message:

Dear {first name},

Welcome to the module!

Step 6 - Finally, create the schedule where the system will check the agent and run it. In this example the agent is checked every day for the period of a week. Once happy with the schedule conditions, click *Save and Close*. The agent will run once conditions have been met during the scheduled period.

3. Scheduling

Use Schedule **Define the schedule for the agent, i.e. when the system should initiate the agent**

Schedule: Evaluated every 1 day(s) starting Monday, 13 August 2018 until Monday, 20 August 2018

Next Run Date: Monday, 13 August 2018

Update Schedule

What does an agent's Schedule determine?

When finished click Save & Close

Save Cancel