

Intelligent Agents

What is an intelligent agent? An Intelligent Agent monitors activity that matches criteria that you set. It can monitor login activity and release conditions within D2L. It can serve as an early warning notification or as a positive feedback notification.

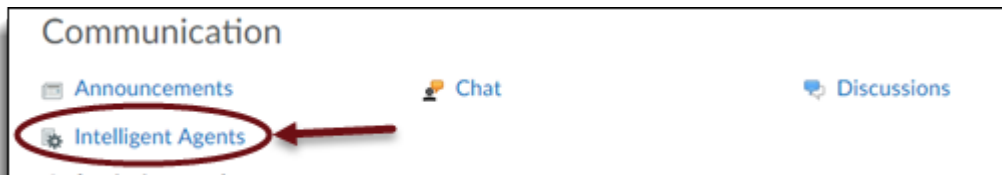
What are the uses? Intelligent Agents are used to:

- *email users with grades below a certain level*
- *check for users that have not logged in within a specific number of days*
- *check for users that viewed a specific content topic*

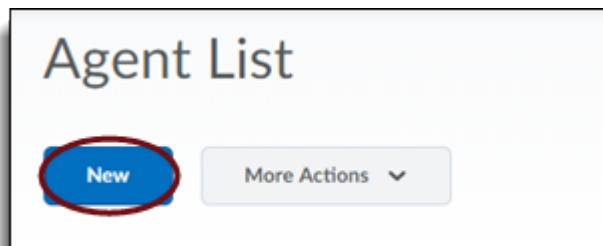
[Accessing Intelligent Agents](#) | [Creating an Intelligent Agent](#) | [Editing and Intelligent Agent](#) | [Replace Strings for Email of Intelligent Agent](#)

Accessing Intelligent Agents

1. Log into D2L and choose your course.
2. In the navbar at the top of the page, click the Edit Course link (far right).
3. Click on Intelligent Agents.



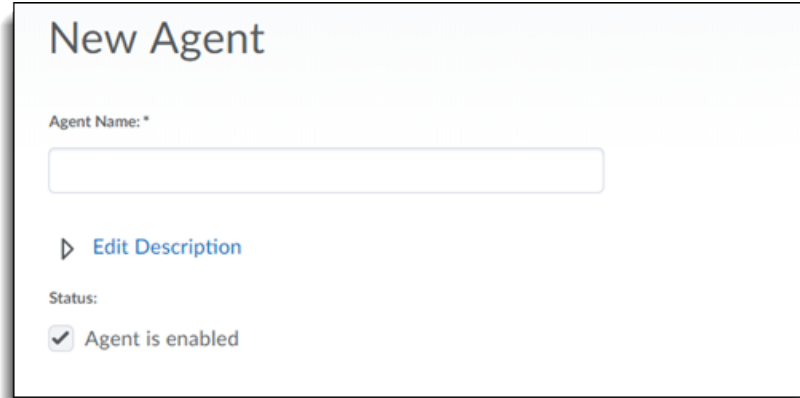
4. Click New Agent



[Back to Top](#)

Creating an Intelligent Agent

1. Enter an Agent Name.
2. Enter a Description.
3. Select the Agent is enabled check box if you want the agent enabled once you save.



New Agent

Agent Name: *

[▶ Edit Description](#)

Status:

Agent is enabled

4. Select criteria from the following:
 - **Login Activity** Select the **Take action when the following login criteria are satisfied** check box to add login criteria. Choose the login activity you want to monitor and enter the number of days you want to set.
 - **Course Activity** Select the **Take action when the following course activity criteria are satisfied** check box to add course activity criteria. Choose the course activity you want to monitor and enter the number of days you want to set.
 - **Release Conditions** Click **Attach Existing** or **Create and Attach** to add release conditions.



1. Criteria

Role in Classlist

All users visible in the Classlist

Users with specific roles:

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)

Course Activity

Take action when the following course activity criteria are satisfied:

User has not accessed course for at least day(s)

User has accessed course during the past day(s)

Release Conditions ←

[Back to Top](#)

- 5. Select the Action Repetition the agent takes when all criteria are met.
- 6. Enter the names of recipients in the **To**, **Cc**, and **Bcc** fields. You can use special replace strings in these fields. See Replace strings for intelligent agents.
- 7. Enter an **Email Subject**. You can use special replace strings in this field.
- 8. Enter a **Message**.
- 9. Select **HTML** or **Plain Text** for the email format.

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?

Send an Email

Send an email when the criteria are satisfied

Name that the emails come from: D2I-do-not-reply@clarion.edu

Reply-To address for responses: D2I-do-not-reply@clarion.edu

How can I change the default From and Reply settings?

To: *

Cc:

Bcc:

What special email addresses can I use?

Subject: *

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

Message:

- 10. If you want the agent to run on a schedule, select the Use Schedule check box, then click Update Schedule.
- 11. Set the schedule in the Update Agent Schedule pop-up, then click Update to save the schedule and return to the New Agent page.

3. Scheduling

Use Schedule

No schedule defined

Next Run Date: No schedule defined

Update Schedule

What does an agent's Schedule determine?

Save and Close Save Cancel Update

Update Agent Schedule - Google Chrome

Secure | https://clariondev.desire2learn.com/d2l/comm...

Repeats: Daily

Repeats Every: * day(s)

Schedule Dates: Has Start Date

Update Cancel

[Back to Top](#)

Editing Intelligent Agents

1. On the Agent List page, click on the agent you want to edit.
2. Make your changes.
3. Click **Save and Close**.

Replace Strings for Email

Email Address Replace Strings

Replace String

{InitiatingUser}

{InitiatingUserAuditors}

Body Replace Strings

Replace String	Description
{OrgName}	The name of the organization.
{OrgUnitCode}	The code for the Org Unit.

{OrgUnitName}	The name of the Org Unit.
{OrgUnitStartDate}	The start date specified for the Org Unit.
{OrgUnitEndDate}	The end date specified for the Org Unit.
{InitiatingUserFirstName}	The first name of the initiating user.
{InitiatingUserLastName}	The last name of the initiating user.
{InitiatingUserUserName}	The username of the initiating user.
{InitiatingUserOrgDefinedId}	The Org Defined ID of the initiating user.
{LoginPath}	The address of the login path for the site.

[Back to Top](#)