

# Saturn Studio – Bitbucket



## ¿Qué es este módulo?

Bitbucket es una plataforma web de desarrollo colaborativo que permite a los equipos gestionar repositorios Git, revisar código y automatizar flujos de trabajo mediante pipelines. Es ampliamente utilizada en entornos empresariales y por equipos que integran herramientas de Atlassian como Jira y Trello.

### Cómo obtener las [credenciales de Bitbucket](#)

## Descripción de los comandos

### Trigger New Commits

Dispara cuando se realizan nuevos commits en un repositorio de Bitbucket.

| Parámetro  | Descripción                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ejemplo         |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Credential | Credencial de Bitbucket necesaria para monitorear commits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | credential      |
| Workspace  | Workspace donde se encuentra el repositorio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | workspace-name  |
| Repository | Selecciona el repositorio a monitorear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | repository-name |
| Branch     | Selecciona la rama a monitorear para nuevos commits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | branch-name     |
| Limit      | Número máximo de commits a revisar por ejecución                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10              |
| Assign     | Variable donde los nuevos commits serán almacenados. Example ("pull_requests":[{"id":123,"type":"pullrequest","title":"Add new feature for automated deployment","data":{"2025-07-10T14:30:00+0000","author":{"display_name":"Alice","email":"alice@dev.com"},"parent":{"hash":"def456abc123"},"links":{"html":"https://bitbucket.org/al_team/automator_ai_engine/commits/def456abc123"},"diff":"https://api.bitbucket.org/2.0/repositories/al_team/automator_ai_engine/diff/def456abc123"},"new_commits_count":1,"repository":"al_team/automator_ai_engine","branch":"main"}]}) | (var)           |
| result to  | Example ("commit":[{"id":"abc123def456","type":"commit","hash":"abc123def456","message":"Add new feature for automated deployment","data":{"2025-07-10T14:30:00+0000","author":{"display_name":"Alice","email":"alice@dev.com"},"parent":{"hash":"def456abc123"},"links":{"html":"https://bitbucket.org/al_team/automator_ai_engine/commits/abc123def456"},"diff":"https://api.bitbucket.org/2.0/repositories/al_team/automator_ai_engine/diff/abc123def456"},"new_commits_count":1,"repository":"al_team/automator_ai_engine","branch":"main"}]})                               | (var)           |
| variable   | Developer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Developer       |

### Trigger New Pull Requests

Dispara cuando se crean nuevos pull requests en un repositorio de Bitbucket.

| Parámetro  | Descripción                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Ejemplo         |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Credential | Credencial de Bitbucket necesaria para monitorear pull requests                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | credential      |
| Workspace  | Workspace donde se encuentra el repositorio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | workspace-name  |
| Repository | Selecciona el repositorio a monitorear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | repository-name |
| State      | Estado de los pull requests a monitorear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | OPEN            |
| Limit      | Número de pull requests a revisar por ejecución                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10              |
| Assign     | Variable donde los nuevos pull requests serán almacenados. Example ("pull_requests":[{"id":123,"type":"pullrequest","title":"Add new authentication module","description":"This PR adds OAuth2 authentication support","state":"OPEN","created_on":"2025-07-10T14:30:00+0000","updated_on":"2025-07-10T14:30:00+0000","author":{"display_name":"Bob","email":"bob@dev.com"},"parent":{"hash":"def456abc123"},"links":{"html":"https://bitbucket.org/al_team/automator_ai_engine/pull-requests/123"},"new_pull_requests_count":1,"repository":"al_team/automator_ai_engine","state":"OPEN"}]}) | (var)           |
| result to  | Example ("pull_requests":[{"id":123,"type":"pullrequest","title":"Add new authentication module","description":"This PR adds OAuth2 authentication support","state":"OPEN","created_on":"2025-07-10T14:30:00+0000","updated_on":"2025-07-10T14:30:00+0000","author":{"display_name":"Bob","email":"bob@dev.com"},"parent":{"hash":"def456abc123"},"links":{"html":"https://bitbucket.org/al_team/automator_ai_engine/pull-requests/123"},"new_pull_requests_count":1,"repository":"al_team/automator_ai_engine","state":"OPEN"}]})                                                            | (var)           |
| variable   | Developer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Developer       |

### List Repositories

Lista los repositorios de Bitbucket.

| Parámetro  | Descripción                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ejemplo         |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Credential | Credencial de Bitbucket necesaria para obtener un repositorio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | credential      |
| Workspace  | Workspace donde se encuentra el repositorio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | workspace-name  |
| Repository | Selecciona el repositorio a obtener                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | repository-name |
| Assign     | Variable donde se almacenará la información del repositorio. Example ("repository":{"name":"demo_repo","full_name":"example-team/demo_repo","description":"Demo repository for frontend preview","is_private":false,"language":"javascript","link_branch":"main","language":"javascript","link_branch":"main","project":"my-CP","name":"Example Project"},"url":"https://api.bitbucket.org/2.0/repositories/example-team/demo_repo","state":"OPEN","created_on":"2025-07-10T14:30:00+0000","updated_on":"2025-07-10T14:30:00+0000","author":{"display_name":"Bob","email":"bob@dev.com"},"parent":{"hash":"def456abc123"},"links":{"html":"https://bitbucket.org/al_team/automator_ai_engine/pull-requests/123"},"new_pull_requests_count":1,"repository":"al_team/automator_ai_engine","state":"OPEN"}]}) | (var)           |
| result to  | Example ("repository":{"name":"demo_repo","full_name":"example-team/demo_repo","description":"Demo repository for frontend preview","is_private":false,"language":"javascript","link_branch":"main","language":"javascript","link_branch":"main","project":"my-CP","name":"Example Project"},"url":"https://api.bitbucket.org/2.0/repositories/example-team/demo_repo","state":"OPEN","created_on":"2025-07-10T14:30:00+0000","updated_on":"2025-07-10T14:30:00+0000","author":{"display_name":"Bob","email":"bob@dev.com"},"parent":{"hash":"def456abc123"},"links":{"html":"https://bitbucket.org/al_team/automator_ai_engine/pull-requests/123"},"new_pull_requests_count":1,"repository":"al_team/automator_ai_engine","state":"OPEN"}]})                                                              | (var)           |
| variable   | Developer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Developer       |

### Get a Repository

Obtiene un repositorio de Bitbucket.

| Parámetro  | Descripción                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ejemplo         |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Credential | Credencial de Bitbucket necesaria para obtener un repositorio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | credential      |
| Workspace  | Workspace donde se encuentra el repositorio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | workspace-name  |
| Repository | Selecciona el repositorio a obtener                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | repository-name |
| Assign     | Variable donde se almacenará la información del repositorio. Example ("repository":{"name":"demo_repo","full_name":"example-team/demo_repo","description":"Demo repository for frontend preview","is_private":false,"language":"javascript","link_branch":"main","language":"javascript","link_branch":"main","project":"my-CP","name":"Example Project"},"url":"https://api.bitbucket.org/2.0/repositories/example-team/demo_repo","state":"OPEN","created_on":"2025-07-10T14:30:00+0000","updated_on":"2025-07-10T14:30:00+0000","author":{"display_name":"Bob","email":"bob@dev.com"},"parent":{"hash":"def456abc123"},"links":{"html":"https://bitbucket.org/al_team/automator_ai_engine/pull-requests/123"},"new_pull_requests_count":1,"repository":"al_team/automator_ai_engine","state":"OPEN"}]}) | (var)           |
| result to  | Example ("repository":{"name":"demo_repo","full_name":"example-team/demo_repo","description":"Demo repository for frontend preview","is_private":false,"language":"javascript","link_branch":"main","language":"javascript","link_branch":"main","project":"my-CP","name":"Example Project"},"url":"https://api.bitbucket.org/2.0/repositories/example-team/demo_repo","state":"OPEN","created_on":"2025-07-10T14:30:00+0000","updated_on":"2025-07-10T14:30:00+0000","author":{"display_name":"Bob","email":"bob@dev.com"},"parent":{"hash":"def456abc123"},"links":{"html":"https://bitbucket.org/al_team/automator_ai_engine/pull-requests/123"},"new_pull_requests_count":1,"repository":"al_team/automator_ai_engine","state":"OPEN"}]})                                                              | (var)           |
| variable   | Developer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Developer       |

# List Commits

Lista commits de un repositorio de Bitbucket.

Resumen

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# Get Pull Request

Obtiene un Pull Request específico.

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