

 201930672



TRIVIAPP

MANUAL TECNICO

Compiladores I

PRODUCCIONES GRAMATICAS



S → startRequest
S → startRequests

startRequests → LESS_THAN EXCLAMATION_MARK START_REQUESTS GREATER_THAN requests

requests → startRequest endRequests
requests → startRequest requests
requests → error GREATER_THAN



PRODUCCION PARA SOLICITUD GENERAL



startRequest → LESS_THAN EXCLAMATION_MARK START_REQUEST COLON requestType endContent endRequest
startRequest → error GREATER_THAN



PRODUCCION PARA DIFERENTES SOLICITUDES



```
requestType → LOGIN startContentUser bloquesLogin
requestType → CREATE_USER startContentUser bloquesCreateUser
requestType → MODIFY_USER startContentUser bloquesModifyUser
requestType → DELETE_USER startContentUser bloquesDeleteUser
requestType → NEW_FORM startContentForm bloquesNewForm
requestType → MODIFY_FORM startContentForm bloquesEditForm
requestType → DELETE_FORM startContentForm bloquesDeleteForm
requestType → NEW_COMPONENT startContentComponent bloquesNewComponent
requestType → EDIT_COMPONENT startContentComponent bloquesEditComponent
requestType → DELETE_COMPONENT startContentComponent bloquesDeleteComponent
```

```
STARTCONTENTUSER → GREATER_THAN OPEN_BRACE USER_CREDENTIALS COLON OPEN_BRACKET
STARTCONTENTFORM → GREATER_THAN OPEN_BRACE FORM_PARAMS COLON OPEN_BRACKET
STARTCONTENTCOMPONENT → GREATER_THAN OPEN_BRACE COMPONENT_PARAMS COLON
OPEN_BRACKET
```



PRODUCCION PARA PARAMETROS DE LOGIN



```
bloquesLogin → bloqueLogin COMMA bloquesLogin
bloquesLogin → bloqueLogin
bloqueLogin → OPEN_BRACE paramsLogin CLOSE_BRACE
paramsLogin → paramLogin COMMA paramsLogin
paramsLogin → paramLogin
paramLogin → nameParamLogin COLON value
nameParamLogin → PARAM_USUARIO
nameParamLogin → PARAM_PASSWORD
```



PRODUCCION PARA PARAMETROS CREAR USUARIO



```
bloquesCreateUser → bloqueCreateUser COMMA bloquesCreateUser
bloquesCreateUser → bloqueCreateUser
bloqueCreateUser → OPEN_BRACE paramsCreateUser CLOSE_BRACE
paramsCreateUser → paramCreateUser COMMA paramsCreateUser
paramsCreateUser → paramCreateUser
paramCreateUser → nameParamCreateUser COLON value
paramCreateUser → PARAM_FECHA_CREACION COLON fecha
nameParamCreateUser → PARAM_USUARIO
nameParamCreateUser → PARAM_PASSWORD
nameParamCreateUser → PARAM_NOMBRE
nameParamCreateUser → PARAM_INSTITUCION
```



PRODUCCION PARA PARAMETROS MODIFICAR USUARIO

bloquesModifyUser → bloqueModifyUser COMMA bloqueModifyUser
bloquesModifyUser → bloqueModifyUser
bloqueModifyUser → OPEN_BRACE paramsModifyUser CLOSE_BRACE
paramsModifyUser → paramModifyUser COMMA paramsModifyUser
paramsModifyUser → paramModifyUser
paramModifyUser → nameParamModifyUser COLON value
paramModifyUser → PARAM_FECHA_MODIFICACION COLON fecha
nameParamModifyUser → PARAM_OLD_USER
nameParamModifyUser → CREATE_USER
nameParamModifyUser → PARAM_NEW_PASSWORD



PRODUCCION PARA PARAMETROS ELIMINAR USUARIO

bloquesDeleteUser → bloqueDeleteUser COMMA bloquesDeleteUser
bloquesDeleteUser → bloqueDeleteUser
bloqueDeleteUser → OPEN_BRACE paramDeleteUser CLOSE_BRACE
paramDeleteUser → PARAM_USUARIO COLON value



PRODUCCION PARA PARAMETROS

SOLICITUD NUEVA TRIVIA



BLOQUESNEWFORM → BLOQUENEWFORM COMMA
BLOQUESNEWFORM
BLOQUESNEWFORM → BLOQUENEWFORM
BLOQUENEWFORM → OPEN_BRACE PARAMSNEWFORM
CLOSE_BRACE
PARAMSNEWFORM → PARAMNEWFORM COMMA
PARAMSNEWFORM
PARAMSNEWFORM → PARAMNEWFORM
PARAMNEWFORM → NAMEPARAMNEWFORM COLON VALUE
PARAMNEWFORM → PARAM_ID COLON ID
PARAMNEWFORM → PARAM_FECHA_CREACION COLON FECHA
PARAMNEWFORM → PARAM_TIEMPO_TRIV COLON ENTERO
PARAMNEWFORM → PARAM_TEMA COLON LITERAL
NAMEPARAMNEWFORM → PARAM_NOMBRE
NAMEPARAMNEWFORM → PARAM_USUARIO_CREACION



PRODUCCION PARA PARAMETROS

SOLICITUD AGREGAR COMPONENTE

bloquesNewComponent → bloqueNewComponent COMMA

bloquesNewComponent

bloquesNewComponent → bloqueNewComponent

bloqueNewComponent → OPEN_BRACE paramsNewComponent
CLOSE_BRACE

paramsNewComponent → paramNewComponent COMMA

paramsNewComponent

paramsNewComponent → paramNewComponent

paramNewComponent → nameParamNewComponent COLON value

paramNewComponent → PARAM_ID COLON id

paramNewComponent → PARAM_FORMULARIO COLON id

paramNewComponent → PARAM_CLASE COLON clase

paramNewComponent → PARAM_TEXTO_VISIBLE COLON literal

paramNewComponent → PARAM_OPCIONES COLON opciones

paramNewComponent → PARAM_FILAS COLON entero

paramNewComponent → PARAM_COLUMNAS COLON entero

paramNewComponent → PARAM_RESPUESTAS COLON literal

nameParamNewComponent → PARAM_NOMBRE_CAMPO



PRODUCCION PARA PARAMETROS SOLICITUD EDITAR COMPONENTE

bloquesEditComponent → bloqueEditComponent COMMA bloquesEditComponent
bloquesEditComponent → bloqueEditComponent

bloqueEditComponent → OPEN_BRACE paramsEditComponent CLOSE_BRACE

paramsEditComponent → paramEditComponent COMMA paramsEditComponent
paramsEditComponent → paramEditComponent

paramEditComponent → nameParamEditComponent COLON value

paramEditComponent → PARAM_ID COLON id

paramEditComponent → PARAM_FORMULARIO COLON id

paramEditComponent → PARAM_CLASE COLON clase

paramEditComponent → PARAM_TEXTO_VISIBLE COLON literal

paramEditComponent → PARAM_OPCIONES COLON opciones

paramEditComponent → PARAM_FILAS COLON entero

paramEditComponent → PARAM_COLUMNAS COLON entero

paramEditComponent → PARAM_INDICE COLON entero

paramEditComponent → PARAM_RESPUESTAS COLON literal

nameParamEditComponent → PARAM_NOMBRE_CAMPO

